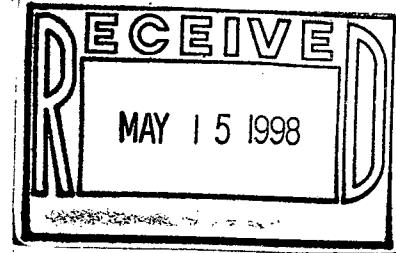


American Environmental Network

200 Monroe Turnpike • Monroe, CT 06468 • (203) 261-4458 • Fax (203) 268-5346

211003

May 13, 1998



Ms. Smita Sumbaly, Start Anal. Coordinator
ROY F. WESTON, INC/USEPA REGION II START
1090 King Georges Post Road
Suite 201
Edison, NJ 08837-3703

Dear Ms. Sumbaly, Start Anal. Coordinator :

Please find enclosed the analytical results of 22 sample(s) received at our laboratory on April 23, 1998. This report contains sections addressing the following information at a minimum:

- | | |
|--------------------------|---|
| • sample summary | : definition of data qualifiers and terminology |
| • analytical methodology | : analytical results |
| • state certifications | : chain-of-custody |

IEA Report #7098-0920A	Purchase Order #92112
Project ID: RFP #2523, SITE ID G2	

Copies of this analytical report and supporting data are maintained in our files for a minimum of five years unless special arrangements have been made. Unless specifically indicated, all analytical testing was performed at this laboratory location and no portion of the testing was subcontracted.

We appreciate your selection of our services and welcome any questions or suggestions you may have relative to this report. Please contact your customer service representative at (203) 261-4458 for any additional information. Thank you for utilizing our services; we hope you will consider us for your future analytical needs.

I have reviewed and approved the enclosed data for final release.

Very truly yours,
Jeffrey C. Curran
Jeffrey C. Curran
Laboratory Manager

JCC

7098-0920A
ROY F. WESTON

Case Narrative

Polychlorinated Biphenyls (PCB's) - PCB samples were extracted and analyzed by GC/ECD using guidance provided in Methods 3550A/8081. The instrumentation used was a Hewlett-Packard Gas Chromatograph equipped with an Electron Capture Detector (Ni^{63}).

All samples were extracted and concentrated without any apparent problems.

All samples required acid and sulfur cleanup prior to analysis.

Surrogates were diluted out of sample CDY-004.

Percent recovery for Aroclor-1254 was outside of QC limits in sample CDY-001MSD due to sample dilution. The RPD for Aroclor-1254 was outside of QC limits in samples CDY-001MS and CDY-001MSD due to sample dilution.

Results from the first analysis on the DB-1701 column were reported on the Form 1's and Data Summaries

Results from both columns were reported on the Form 10b. The results from the second column and the percent difference between the two columns, were hand written onto the form 10b's.

The response of Aroclor-1254 differed between the two columns. This was probably due to the weathering apparent in most of the client's samples, which respond differently to the two types of column phases.

Manual integrations were performed if required, and any affected peaks were designated with an "FF" on the area report in the column titled "Code". Manual integrations were initiated by the analyst that performed the integration.

ORGANICS APPENDIX

- U - Indicates that the compound was analyzed for but not detected.
- J - Indicates that the compound was analyzed for and determined to be present in the sample. The mass spectrum of the compound meets the identification criteria of the method. The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.
- B - This flag is used when the analyte is found in the blanks as well as the sample. It indicates possible sample contamination and warns the data user to use caution when applying the results of this analyte.
- N - Indicates that the compound was analyzed for but not requested as an analyte. Value will not be listed on tabular result sheet.
- S - Estimated due to surrogate outliers.
- X - Matrix spike compound.
- (1) - Cannot be separated.
- (2) - Decomposes to azobenzene. Measured and calibrated as azobenzene.
- A - This flag indicates that a TIC is a suspected aldol condensation product.
- E - Indicates that it exceeds calibration curve range.
- D - This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- C - Confirmed by GC/MS.
- T - Compound present in TCLP blank.
- P - This flag is used for a pesticide/aroclor target analyte when there is a greater than 25 percent difference for detected concentrations between the two GC columns (see Form X).

STATE CERTIFICATIONS

In some instances it may be necessary for environmental data to be reported to a regulatory authority with reference to a certified laboratory. For your convenience, the laboratory identification numbers for the AEN-Connecticut laboratory are provided in the following table. Many states certify laboratories for specific parameters or tests within a category (i.e. method 325.2 for wastewater). The information in the following table indicates the lab is certified in a general category of testing such as drinking water or wastewater analysis. The laboratory should be contacted directly if parameter-specific certification information is required.

AEN-Connecticut Certification Summary (as of September 1997)

State	Responsible Agency	Certification	Lab Number
Connecticut	Department of Health Services	Drinking Water, Wastewater	PH-0497
Maine	Department of Human Services	Wastewater	CT023
Massachusetts	Department of Environmental Protection	Potable/Non-Potable Water	CT023
New Hampshire	Department of Environmental Services	Drinking Water, Wastewater	2528
New Jersey	Department of Environmental Protection	Drinking Water, Wastewater	46410
New York	Department of Health	CLP, Drinking Water, Wastewater, Solid/ Hazardous Waste	10602
North Carolina	Division of Environmental Management	Wastewater Hazardous Waste	388
North Dakota	Department of Health and Consolidated Laboratories	Non-Potable/Potable Hazardous Waste	R-138
Oklahoma	Department of Environmental Quality	General Water Quality/ Sludge Testing	9614
Rhode Island	Department of Health	Chemistry...Non- Potable Water and Wastewater	A43
Washington	Department of Ecology	Wastewater/ Hazardous Waste	C231
West Virginia	Division of Environmental Protection	Wastewater/ Hazardous Waste	263
Wisconsin	Department of Natural Resources	Wastewater/ Hazardous Waste	998355710

7098-0920A
 ROY F. WESTON, INC/USEPA REGION II START
 SAMPLE SUMMARY

CLIENT ID	LAB ID	MATRIX	DATE COLLECTED	DATE RECEIVED
CDY-001	980920A-01	SOIL	04/22/98	04/23/98
CDY-001	980920A-01MS	SOIL	04/22/98	04/23/98
CDY-001	980920A-01MSD	SOIL	04/22/98	04/23/98
CDY-002	980920A-02	SOIL	04/22/98	04/23/98
CDY-003	980920A-03	SOIL	04/22/98	04/23/98
CDY-004	980920A-04	SOIL	04/22/98	04/23/98
CDY-005	980920A-05	SOIL	04/22/98	04/23/98
CDY-006	980920A-06	SOIL	04/22/98	04/23/98
CDY-007	980920A-07	SOIL	04/22/98	04/23/98
CDY-008	980920A-08	SOIL	04/22/98	04/23/98
CDY-009	980920A-09	SOIL	04/22/98	04/23/98
CDY-010	980920A-10	SOIL	04/22/98	04/23/98
CDY-011	980920A-11	SOIL	04/22/98	04/23/98
CDY-012	980920A-12	SOIL	04/22/98	04/23/98
CDY-013	980920A-13	SOIL	04/22/98	04/23/98
CDY-014	980920A-14	SOIL	04/22/98	04/23/98
CDY-015	980920A-15	SOIL	04/22/98	04/23/98
CDY-016	980920A-16	SOIL	04/22/98	04/23/98
CDY-017	980920A-17	SOIL	04/22/98	04/23/98
CDY-018	980920A-18	SOIL	04/22/98	04/23/98
CDY-019	980920A-19	SOIL	04/22/98	04/23/98
CDY-020	980920A-20	SOIL	04/22/98	04/23/98

IEA-CT ANALYTICAL SUMMARY

Page 1

Client ID: CDY-001, CDY-002, CDY-003, CDY-004, CDY-005, CDY-006, CDY-007,
CDY-008, CDY-009, CDY-010, CDY-011, CDY-012, CDY-013, CDY-014,
CDY-015, CDY-016, CDY-017, CDY-018, CDY-019, CDY-020

Job Number: 7098-0920A

Date: 5/13/98

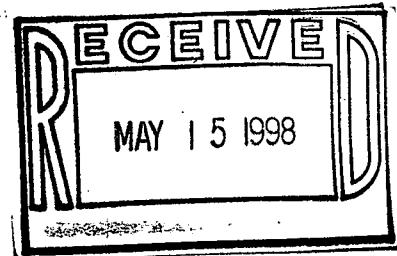
<u>Qty Matrix</u>	<u>Analysis</u>	<u>Description</u>
-------------------	-----------------	--------------------

2 SOIL PCB-8081 PCB'S
20 SOIL PCB-8081 PCB'S



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SAMPLE DATA PACKAGE

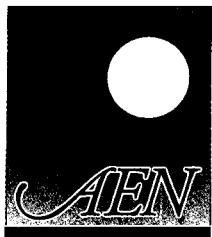
CLIENT:	ROY F. WESTON
PROJ ID:	RFP#2523 SITE ID G2
P.O.#:	92112
SDG#:	A0920
AEN I.D.	7098-0920A

0001



SDG NARRATIVE

CLIENT:	ROY F. WESTON
PROJ ID:	RFP#2523 SITE ID G2
P.O.#:	92112
SDG#:	A0920
AEN I.D.	7098-0920A



American Environmental Network⁰⁰⁰²

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7098-0920A
ROY F. WESTON

Case Narrative

Polychlorinated Biphenyls (PCB's) - PCB samples were extracted and analyzed by GC/ECD using guidance provided in Methods 3550A/8081. The instrumentation used was a Hewlett-Packard Gas Chromatograph equipped with an Electron Capture Detector (Ni^{63}).

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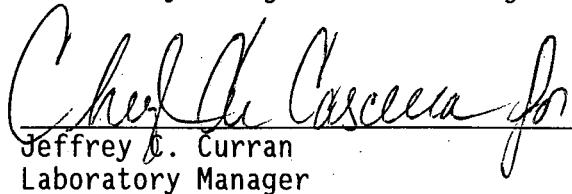
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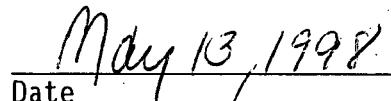
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Manual integrations were performed if required, and any affected peaks were designated with an "FF" on the area report in the column titled "Code". Manual integrations were initiated by the analyst that performed the integration.

I certify that this data package is in compliance with the terms of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Jeffrey C. Curran
Laboratory Manager



Date

SDG COVER SHEET/TRAFFIC REPORT

CLIENT:	ROY F. WESTON
PROJ ID:	RFP#2523 SITE ID G2
P.O.#:	92112
SDG#:	A0920
AEN I.D.	7098-0920A

RFP No.:

2523

PO No.:

92112

CHAIN OF CUSTODY RECORD



SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 FAX: 908-225-7037

Matrix Box No.:

Preservative Box No.:

1. Surface Water
 2. Ground Water
 3. Leachate
 4. Rinseate
 5. Soil/Sediment
 6. Oil
 7. Waste
 8. Other (Specify)
- * See Comments

Send verbal and written results to:

Roy F. Weston, Inc., USEPA Region II START

Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703

Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	BAS ANALYSIS			RCRA ANALYSIS			OTHER
						VOA	BNA	FEST	PCB	TAI	CN	
CD4 - 001	4/22/98 0840	5	L	G	6					X		
CD4 - 002			P							X		
CD4 - 003										X		
CD4 - 004										X		
CD4 - 005										X		
CD4 - 006										X		
CD4 - 007										X		
CD4 - 008										X		
CD4 - 009										X		
CD4 - 010										X		
CD4 - 011	0919	↓	↓	↓	↓	↓	↓	↓	↓	X		

Comments:

Spt. calibration using Alocelox 1254 STD.

MS/MSD for CD4-001

Person Assuming Responsibility for Sample:

M. Mahnkopf

Time Date (MM/DD/YY)
1530 4/22/98

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahnkopf	1607	4/22/98		Transfer

Roy F. Weston, Inc.

FEDERAL PROGRAMS DIVISION

In Association with Resource Applications, Inc., R.E. Serrera Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GPR Environmental Services, Inc.

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

0197

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-001</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Lab Sample ID : <u>980920A-01</u>	Date(s) Analyzed: <u>05/04/98 05/05/98</u>	
Instrument ID (1): <u>HP58904A</u>	Instrument ID (2): <u>HP58904B</u>	
GC Column(1): <u>DB-1701</u> 0.53 (mm)	GC Column(2): <u>RTX-35</u>	0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	TO	CONC.	%D
PCB-1254	1	18.68	18.62	18.72	590	63.9
	2	19.46	19.40	19.50		
	3	20.77	20.71	20.81		
	4					
	5					
COLUMN 1	1	20.34	20.30	20.42	360	
	2	21.54	21.51	21.61		
	3	21.88	21.83	21.95		
	4					
	5					
COLUMN 2						

page 1 of 1

FORM X PEST-2
GC-8081:rev1.0

0198

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: IEA-CT	Contract:	Client ID: CDY-002
------------------	-----------	--------------------

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-02 Date(s) Analyzed: 05/04/98 05/05/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1): DB-1701 0.53 (mm) GC Column(2): RTX-35 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM TO		CONC.	%D
PCB-1254	1	18.68	18.62	18.72	940	64.9
	2	19.45	19.40	19.50		
	3	19.72	19.66	19.76		
	4	20.77	20.71	20.81		
	5					
COLUMN 1	1	20.02	19.96	20.10	570	
	2	20.34	20.30	20.42		
	3	21.54	21.51	21.61		
	4	21.88	21.83	21.95		
	5					
COLUMN 2						

page 1 of 1

FORM X PEST-2
GC-8081:rev1.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

0199

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-003</u>
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Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-03 Date(s) Analyzed: 05/04/98 05/05/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1): DB-1701 0.53 (mm) GC Column(2): RTX-35 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW		CONC.	%D
			FROM	TO		
PCB-1254	1	18.68	18.62	18.72	1600	33.3
	2	19.72	19.66	19.76		
	3	20.77	20.71	20.81		
	4					
	5					
	1	20.34	20.30	20.42	1200	
	2	21.53	21.51	21.61		
	3	21.87	21.83	21.95		
	4					
	5					

page 1 of 1

FORM X PEST-2
GC-8081:rev1.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

0200

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-004</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Lab Sample ID : <u>980920A-04</u>	Date(s) Analyzed: <u>05/04/98 05/05/98</u>	
Instrument ID (1): <u>HP58904A</u>	Instrument ID (2): <u>HP58904B</u>	
GC Column(1): <u>DB-1701</u> <u>0.53 (mm)</u>	GC Column(2): <u>RTX-35</u> <u>0.53 (mm)</u>	

ANALYTE	PEAK	RT	RT WINDOW FROM TO		CONC.	%D	
PCB-1254	1	16.12	16.07	16.17	6900	50.0	
	2	18.68	18.62	18.72			
	3	19.45	19.40	19.50			
	4	19.72	19.66	19.76			
	5	20.77	20.71	20.81			
	1	17.74	17.69	17.81	4600		
	2	20.02	19.96	20.10			
	3	20.34	20.30	20.42			
	4	21.54	21.51	21.61			
	5	21.88	21.83	21.95			

page 1 of 1

FORM X PEST-2
GC-8081:rev1.0

10B

**PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES**

020 8

Lab Name: IEA-CT Contract: _____ Client ID: CDY-005

Lab Code : IEACT Case No. : 0920A SDG No. : A0920

Lab Sample ID : 980920A-05 Date(s) Analyzed: 05/05/98 05/05/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column (1) : DB-1701 0.53 (mm) GC Column (2) : RTX-35 0.53 (mm)

page 1 of 1

FORM X PEST-2
GC-8081:rev1.0

0207

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____ Client ID: CDY-006

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-06 Date(s) Analyzed: 05/05/98 05/05/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1): DB-1701 0.53 (mm) GC Column(2): RTX-35 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM TO		CONC.	%D
PCB-1254	1	18.68	18.62	18.72	350	40.0
	2	19.46	19.40	19.50		
	3	20.77	20.71	20.81		
	4					
	5					
COLUMN 1	1	20.01	19.96	20.10	250	
	2	20.33	20.30	20.42		
	3	21.53	21.51	21.61		
	4	21.87	21.83	21.95		
	5					
COLUMN 2						

page 1 of 1

FORM X PEST-2
GC-8081:rev1.0

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____ Client ID: CDY-007

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-07 Date(s) Analyzed: 05/05/98 05/05/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1): DB-1701 0.53 (mm) GC Column(2): RTX-35 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM TO		CONC.	%D
PCB-1254	1	16.13	16.07	16.17	610	35.6
	2	18.68	18.62	18.72		
	3	19.45	19.40	19.50		
	4	20.77	20.71	20.81		
	5					
COLUMN 1	1	19.98	19.96	20.10	450	
	2	20.31	20.30	20.42		
	3	21.51	21.51	21.61		
	4	21.84	21.83	21.95		
	5					
COLUMN 2						

page 1 of 1

FORM X PEST-2
GC-8081:rev1.0

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

0201

Lab Name: IEA-CT Contract: _____ Client ID: CDY-008

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-08 Date(s) Analyzed: 05/05/98 05/05/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1): DB-1701 0.53 (mm) GC Column(2): RTX-35 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW		CONC.	%D
			FROM	TO		
PCB-1254	1	16.13	16.07	16.17	550	31.0
	2	18.68	18.62	18.72		
	3	19.45	19.40	19.50		
	4	19.72	19.66	19.76		
	5	20.77	20.71	20.81		
COLUMN 1	1	17.71	17.69	17.81	420	
	2	19.99	19.96	20.10		
	3	20.32	20.30	20.42		
	4	21.51	21.51	21.61		
	5	21.85	21.83	21.95		
COLUMN 2	1					
	2					
	3					
	4					
	5					
	1					
	2					
	3					
	4					
	5					
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	2					
	3					
	4					
	5					
	1					
	2					
	3					
	4					
	5					
	1					
	2					
	3					
	4					
	5					
	1					
	2					
	3					
	4					
	5					
	1					
	2					

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

0205

Lab Name: IEA-CT Contract: _____ Client ID: CDY-009

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-09 Date(s) Analyzed: 05/05/98 05/05/98

Instrument ID (1) : HP58904A Instrument ID (2) : HP58904B

GC Column(1) : DB-1701 0.53 (mm) GC Column(2) : RTX-35 0.53 (mm)

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PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____ Client ID: CDY-010

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-10 Date(s) Analyzed: 05/05/98 05/05/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1): DB-1701 0.53 (mm) GC Column(2): RTX-35 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW		CONC.	%D
			FROM	TO		
PCB-1254	1	16.12	16.07	16.17	290	52.6
	2	18.64	18.62	18.72		
	3	20.76	20.71	20.81		
	4					
	5					
	1	19.97	19.96	20.10	190	
	2	21.52	21.51	21.61		
	3	21.86	21.83	21.95		
	4					
	5					

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0207

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____ Client ID: CDY-011

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-11 Date(s) Analyzed: 05/01/98 05/05/98

Instrument ID (1) : [HP58904A](#) Instrument ID (2) : [HP58904B](#)

GC Column(1) : DB-1701 0.53 (mm) GC Column(2) : RTX-35 0.53 (mm)

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10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-012</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Lab Sample ID : <u>980920A-12</u>	Date(s) Analyzed: <u>05/05/98 05/05/98</u>	
Instrument ID (1): <u>HP58904A</u>	Instrument ID (2): <u>HP58904B</u>	
GC Column(1): <u>DB-1701</u> <u>0.53 (mm)</u>	GC Column(2): <u>RTX-35</u> <u>0.53 (mm)</u>	

ANALYTE	PEAK	RT	RT WINDOW FROM TO		CONC.	%D	
PCB-1254	1	16.13	16.07	16.17	210	61.5	
	2	18.67	18.62	18.72			
	3	20.76	20.71	20.81			
	4						
	5						
	1	20.01	19.96	20.10	130		
	2	21.53	21.51	21.61			
	3	21.87	21.83	21.95			
	4						
	5						

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0209

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____ Client ID: CDY-013

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-13 Date(s) Analyzed: 05/05/98 05/05/98

Instrument ID (1) : HP58904A Instrument ID (2) : HP58904B

GC Column (1) : DB-1701 0.53 (mm) GC Column (2) : RTX-35 0.53 (mm)

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0210

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>CDY-014</u>
-------------------------	-----------------	---------------------------

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-14 Date(s) Analyzed: 05/05/98 05/05/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1): DB-1701 0.53 (mm) GC Column(2): RTX-35 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	TO	CONC.	%D
PCB-1254	1	16.13	16.07	16.17	560	60.0
	2	18.67	18.62	18.72		
	3	20.77	20.71	20.81		
	4					
	5					
	1	20.00	19.96	20.10	350	
	2	21.53	21.51	21.61		
	3	21.86	21.83	21.95		
	4					
	5					
COLUMN 1						
COLUMN 2						

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0211

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____ Client ID: CDY-015

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-15 Date(s) Analyzed: 05/05/98 05/05/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1): DB-1701 0.53 (mm) GC Column(2): RTX-35 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM TO		CONC.	%D
PCB-1254	1	16.12	16.07	16.17	290	11.5
	2	18.67	18.62	18.72		
	3	19.71	19.66	19.76		
	4	20.76	20.71	20.81		
	5					
COLUMN 1	1	17.72	17.69	17.81	260	
	2	20.00	19.96	20.10		
	3	21.52	21.51	21.61		
	4	21.86	21.83	21.95		
	5					
COLUMN 2						

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0212

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____ Client ID: CDY-016

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-16 Date(s) Analyzed: 05/01/98 05/06/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1): DB-1701 0.53 (mm) GC Column(2): RTX-35 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW FROM		CONC.	%D
			16.13	16.07	16.17	110
PCB-1254	1	16.13	16.07	16.17	110	66.7
	2	18.67	18.62	18.72		
	3	20.77	20.71	20.81		
	4					
	5					
COLUMN 1	1	20.00	19.96	20.10	66.	
	2	21.53	21.51	21.61		
	3	21.86	21.83	21.95		
	4					
	5					
COLUMN 2						

0213

**PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES**

Lab Name: IEA-CT Contract: _____ Client ID: CDY-017

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-17 Date(s) Analyzed: 05/05/98 05/06/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1): DB-1701 0.53 (mm) GC Column(2): RTX-35 0.53 (mm)

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0214

10B

Lab Name: IEA-CT Contract: _____ Client ID: CDY-018

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-18 Date(s) Analyzed: 05/05/98 05/06/98

Instrument ID (1) : HP58904A Instrument ID (2) : HP58904B

GC Column(1) : DB-1701 0.53 (mm) GC Column(2) : RTX-35 0.53 (mm)

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10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

0215

Lab Name: IEA-CT Contract: _____ Client ID: CDY-019

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-19 Date(s) Analyzed: 05/05/98 05/07/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1): DB-1701 0.53 (mm) GC Column(2): RTX-35 0.53 (mm)

ANALYTE	PEAK	RT	RT WINDOW		CONC.	%D
			FROM	TO		
PCB-1254	1	16.13	16.07	16.17	120	9.1
	2	18.68	18.62	18.72		
	3	19.71	19.66	19.76		
	4	20.77	20.71	20.81		
	5					
COLUMN 1	1	17.75	17.69	17.81	110	
	2	20.02	19.96	20.10		
	3	21.55	21.51	21.61		
	4	21.88	21.83	21.95		
	5					
COLUMN 2	1					
	2					
	3					
	4					
	5					
	1					
	2					
	3					
	4					
	5					
	1					
	2					
	3					
	4					
	5					
	1					
	2					
	3					
	4					
	5					

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0216

**PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES**

Lab Name: IEA-CT Contract: _____ Client ID: CDY-020

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-20 Date(s) Analyzed: 05/05/98 05/07/98

Instrument ID (1) : HP58904A Instrument ID (2) : HP58904B

GC Column(1) : DB-1701 0.53 (mm) GC Column(2) : RTX-35 0.53 (mm)

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0217

TUB
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____ Client ID: CDY-001MS

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-01MS Date(s) Analyzed: 05/05/98 05/07/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1) : DB-1701 0.53 (mm) GC Column(2) : RTX-35 0.53 (mm)

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FORM X PEST-2
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0218

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____ Client ID: CDY-001MSD

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 980920A-01MSD Date(s) Analyzed: 05/05/98 05/07/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1) : DB-1701 0.53 (mm) GC Column(2) : RTX-35 0.53 (mm)

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0219

10B
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____ Client ID: PBLK41QC

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Lab Sample ID : 042798-B02QC Date(s) Analyzed: 05/01/98 05/05/98

Instrument ID (1): HP58904A Instrument ID (2): HP58904B

GC Column(1) : DB-1701 0.53(mm) GC Column(2) : RTX-35 0.53(mm)

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FORM X PEST-2
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RFP No.:

2523

PO No.:

92112

CHAIN OF CUSTODY RECORD



SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

Matrix Box No.:

- | | |
|--------------------|-----------------------|
| 1. Surface Water | 0005 |
| 2. Ground Water | Preservative Box No.: |
| 3. Leachate | 1. HCl |
| 4. Rinseate | 2. HNO3 |
| 5. Soil/Sediment | 3. Na2SO4 |
| 6. Oil | 4. H2SO4 |
| 7. Waste | 5. Other (Specify) |
| 8. Other (Specify) | 6. Ice Only |
| N. Not Preserved | |
| * See Comments | |

Send verbal and written results to:

Roy F. Weston, Inc., USEPA Region II START

Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703

Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	BAS ANALYSIS			RCRA ANALYSIS			OTHER
						VOA	RNA	PEST/PCBs	TAL/CN	KIN	COR/REAC	
CD4 - 012	4/22/98 0905	5	L	G	6				X			
CD4 - 013			0900						X			
CD4 - 014			0906						X			
CD4 - 015			0912						X			
CD4 - 016			0912						X			
CD4 - 017			0854						X			
CD4 - 018			0859						X			
CD4 - 019			0901						X			
CD4 - 020			0840	↓	↓	↓	↓		X			
CD4 - 021												
Comments:	<i>5 pt. Calibration using Alocelar 1254 STD,</i>											<i>Passed from Screen</i> <i>WWD 3/6</i>

Person Assuming Responsibility for Sample:

*M. Matinkopf*Time Date (MM/DD/YY)
1530 4/22/98

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
AII	<i>M. Matinkopf</i>	1027	4/22/98		<i>Transfer</i>
Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
	<i>M. Matinkopf</i>	1027	4/23/98	<i>M. McDonnelly</i>	

Roy F. Weston, Inc.

FEDERAL PROGRAMS DIVISION

In Association with Resource Applications, Inc., R.E. Sartore Associates, PRC Environmental Management, C.C. Johnson & Malhotra, P.C., and GPR Environmental Services, Inc.

0006

PESTICIDE/PCB DATA

CLIENT:	ROY F. WESTON
PROJ ID:	RFP#2523 SITE ID G2
P.O.#:	92112
SDG#:	A0920
AEN I.D.	7098-0920A

4C
PESTICIDE METHOD BLANK SUMMARY

0010

Lab Name: <u>IEA-CT</u>	Contract: _____	Client Id: <u>PBLK41</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Lab sample ID: <u>042798-B02</u>	Lab File ID: <u>A4524072</u>	
Matrix: (soil/water) <u>SOIL</u>	Extraction: (SepF/Cont/Sonc) <u>SONC</u>	
Sulfur Cleanup: (Y/N) <u>Y</u>	Date Extracted: <u>04/27/98</u>	
Date Analyzed (1): <u>05/01/98</u>	Date Analyzed (2): <u>05/05/98</u>	
Time Analyzed (1): <u>0055</u>	Time Analyzed (2): <u>0757</u>	
Instrument ID (1): <u>HP58904A</u>	Instrument ID (2): <u>HP58904B</u>	
GC Column (1): <u>DB-1701</u> ID: <u>0.53</u> (mm)	GC Column (2): <u>RTX-35</u> ID: <u>0.53</u> (mm)	

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01 PBLK41QC	042798-B02QC	05/01/98	05/05/98
02 CDY-011	980920A-11	05/01/98	05/05/98
03 CDY-016	980920A-16	05/01/98	05/06/98
04 CDY-001	980920A-01	05/04/98	05/05/98
05 CDY-002	980920A-02	05/04/98	05/05/98
06 CDY-003	980920A-03	05/04/98	05/05/98
07 CDY-004	980920A-04	05/04/98	05/05/98
08 CDY-005	980920A-05	05/05/98	05/05/98
09 CDY-006	980920A-06	05/05/98	05/05/98
10 CDY-007	980920A-07	05/05/98	05/05/98
11 CDY-008	980920A-08	05/05/98	05/05/98
12 CDY-012	980920A-12	05/05/98	05/05/98
13 CDY-013	980920A-13	05/05/98	05/05/98
14 CDY-014	980920A-14	05/05/98	05/05/98
15 CDY-019	980920A-19	05/05/98	05/07/98
16 CDY-001MS	980920A-01MS	05/05/98	05/07/98
17 CDY-001MSD	980920A-01MSD	05/05/98	05/07/98
18 CDY-009	980920A-09	05/05/98	05/05/98
19 CDY-010	980920A-10	05/05/98	05/05/98
20 CDY-015	980920A-15	05/05/98	05/05/98
21 CDY-017	980920A-17	05/05/98	05/06/98
22 CDY-018	980920A-18	05/05/98	05/06/98
23 CDY-020	980920A-20	05/05/98	05/07/98
24			
25			
26			

COMMENTS: _____

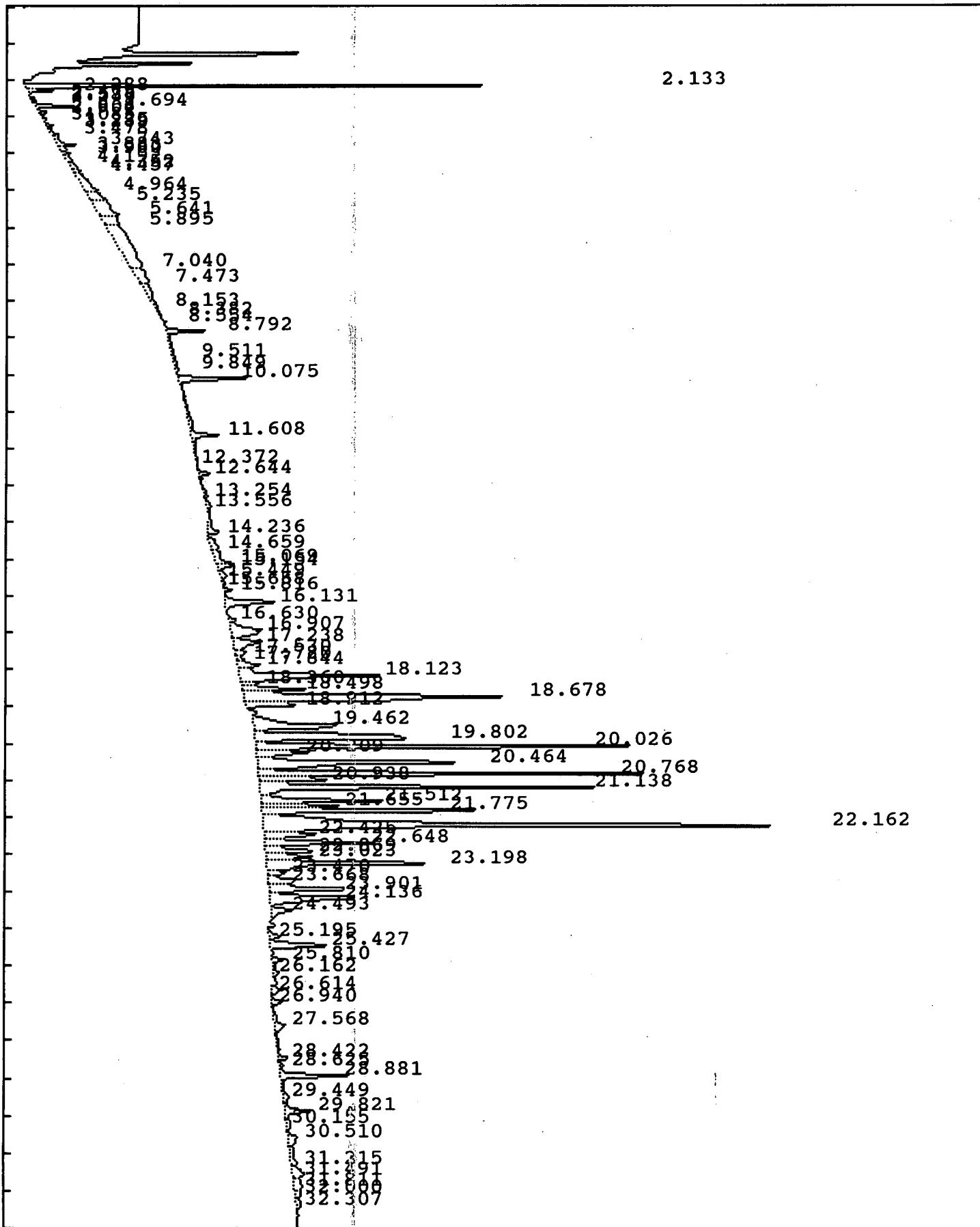
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0012

IEA Pesticide Standard Report

Sample Name : 980920A-01 CDY-001 DF=5 A/S
Result File : /HP58904A/RESULT/A4524110.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2112 04May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-01 CDY-001 DF=5 A/S Report No : 4.10
 Result File : /HP58904A/RESULT/A4524110.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2112 04May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2/ 11 Bottle no. : 11

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.041194	301850	VV	0.0000	
2	2.29		.040036	15924	VV	0.0000	
3	2.48		.040629	2606	PV	0.0000	
4	2.54		.036107	1639	VV	0.0000	
5	2.59		.066420	3431	VV	0.0000	
6	2.69		.041731	31595	VV	0.0000	
7	2.87		.064931	7306	VV	0.0000	
8	2.90		.033358	2813	VV	0.0000	
9	3.08		.129516	5432	VV	0.0000	
10	3.23		.072595	6053	PV	0.0000	
11	3.29		.039568	1800	VV	0.0000	
12	3.48		.104151	10715	VV	0.0000	
13	3.74		.096871	23831	VV	0.0000	
14	3.88		.094663	7091	VV	0.0000	
15	3.98		.068305	6054	VV	0.0000	
16	4.19		.150825	10531	VV	0.0000	
17	4.35		.115990	10358	VV	0.0000	
18	4.46		.079981	6650	VV	0.0000	
19	4.96		.316542	50414	VV	0.0000	
20	5.23		.227181	40143	VV	0.0000	
21	5.64		.345286	74188	VV	0.0000	
22	5.89		.250008	39588	VV	0.0000	
23	7.04		1.357923	173341	VV	0.0000	
24	7.47		.486501	47021	VV	0.0000	
25	8.15		.853507	35360	VV	0.0000	
26	8.38		.158895	4145	VV	0.0000	
27	8.55		.234162	9008	VB	0.0000	
28	8.79		.066974	30528	BV	0.0000	
29	9.51		.510755	13798	VV	0.0000	
30	9.85		.312386	8544	VV	0.0000	
31	10.07	10.06	.081790	71510	PV	.6630	Tetrachloro-m-xylene
32	11.61		.157780	53450	BV	0.0000	
33	12.37		.663338	12157	VV	0.0000	
34	12.64		.080201	10466	PV	0.0000	
35	13.25		.216862	8317	PV	0.0000	
36	13.56		.216482	11706	VB	0.0000	
37	14.24		.168179	24759	BV	0.0000	
38	14.66	14.66	.274706	21275	PV	.1860	gamma-BHC (Lindane)
39	15.07		.188887	31884	VV	0.0000	

5/12/98

IEA Pesticide Standard Report

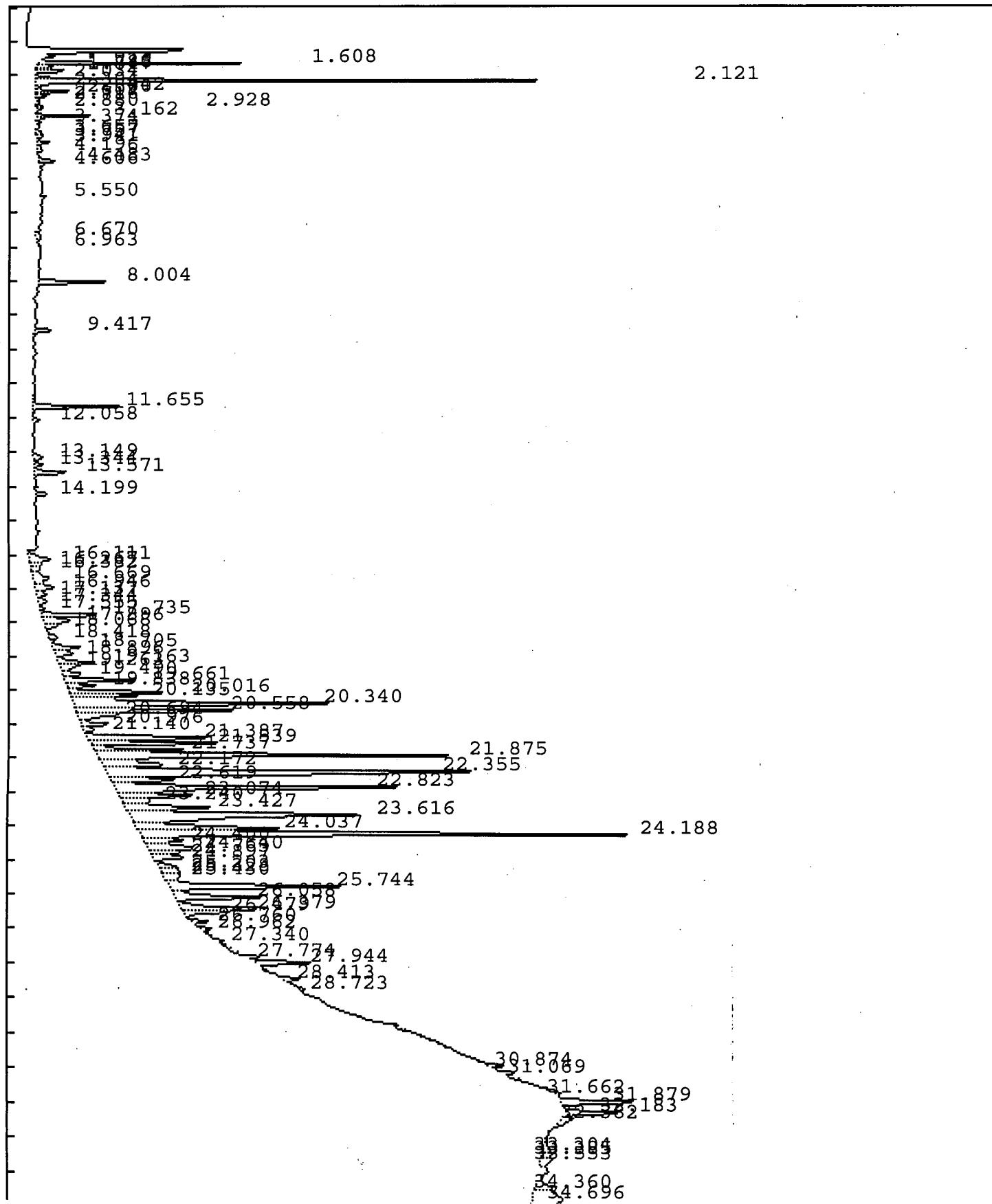
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	15.15		.096364	16408	VV	0.0000	
41	15.45		.185093	13087	VV	0.0000	
42	15.66		.101296	4038	VB	0.0000	
43	15.82		.070026	5937	BV	0.0000	
44	16.13		.121576	70169	VB	0.0000	
45	16.63		.092364	7523	BV	0.0000	
46	16.91		.227416	77442	VV	0.0000	
47	17.24		.171344	53764	VV	0.0000	
48	17.53	17.48	.100040	12916	VV	.1499	Isudrin
49	17.72		.106111	9987	VV	0.0000	
50	17.84	17.83	.118521	30298	VV	.3161	delta-BHC
51	18.12		.123465	195250	VV	0.0000	
52	18.36	18.35	.078494	15144	VV	.1475	Heptachlor-epoxide
53	18.50		.090975	66497	VV	0.0000	
54	18.68		.132341	414952	VV	0.0000	
55	18.91		.087324	52906	VV	0.0000	
56	19.46	19.51	.161943	158030	VV	1.4955	alpha-Chlordane
57	19.80	19.80	.130815	274040	VV	2.8992	4,4'-DDE
58	20.03		.078004	366388	VV	0.0000	
59	20.21		.127199	74413	VV	0.0000	
60	20.46		.111470	283600	VV	0.0000	
61	20.77		.082295	367104	VV	0.0000	
62	20.94	20.91	.090227	74102	VV	.9708	Endrin
63	21.14		.085184	339227	VV	0.0000	
64	21.51		.088954	129078	VV	0.0000	
65	21.65	21.68	.075889	68546	VV	1.7686	Chlorobenzilate
66	21.77		.081253	235633	VV	0.0000	
67	22.16	22.16	.116826	753792	VV	10.2367	4,4'-DDD
68	22.43		.126853	72328	VV	0.0000	
69	22.65	22.65	.096160	122141	VV	1.9140	4,4'-DDT
70	22.87		.102912	61200	VV	0.0000	
71	23.02		.107429	54408	VV	0.0000	
72	23.20		.100732	208331	VV	0.0000	
73	23.47		.093757	20398	VV	0.0000	
74	23.67	23.63	.177300	52942	VV	1.1582	Endrin aldehyde
75	23.90		.105157	102586	VV	0.0000	
76	24.14		.143460	148291	VV	0.0000	
77	24.49		.139605	33677	VB	0.0000	
78	25.19		.116180	15745	PV	0.0000	
79	25.43		.117461	73902	VV	0.0000	
80	25.81		.117657	14981	VB	0.0000	
81	26.16	26.22	.146038	9658	VB	.1310	Endrin-ketone
82	26.61		.151921	13951	VV	0.0000	
83	26.94		.114485	13866	PV	0.0000	
84	27.57		.238162	30095	VV	0.0000	
85	28.42		.168872	19727	VV	0.0000	
86	28.62		.126699	5197	VV	0.0000	
87	28.88	#28.88	.088889	68294	VV	.6905	Decachlorobiphenyl
88	29.45		.249705	15692	VV	0.0000	
89	29.82		.124227	36917	VV	0.0000	
90	30.15		.253391	11885	VV	0.0000	
91	30.51		.212583	22459	VV	0.0000	
92	31.22		.350642	22189	VV	0.0000	
93	31.49		.229140	28410	VV	0.0000	
94	31.81		.278972	25106	VV	0.0000	

M/S/248

0015

IEA Pesticide Standard Report

Sample Name : 980920A-01 CDY-001 DF=5 Inj on 0929 05May1998
Result File : /HP58904B/RESULT/B4509113.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



0016

IEA Pesticide Standard Report

Sample Name : 980920A-01 CDY-001 DF=5 A/S Report No : 29.10
 Result File : /HP58904B/RESULT/B4509113.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0929 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 14 Bottle no. : 14

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.61		.041410	176055	BV	0.0000	
2	1.74		.048106	14430	PV	0.0000	
3	1.79		.035969	9540	VV	0.0000	
4	1.85		.056464	35773	VV	0.0000	
5	2.03		.040103	11014	PV	0.0000	
6	2.12		.053214	521842	VV	0.0000	
7	2.30		.057221	8378	VV	0.0000	
8	2.44		.048292	29880	VV	0.0000	
9	2.50		.049793	12765	VV	0.0000	
10	2.61		.045350	10214	VV	0.0000	
11	2.72		.061827	5505	VV	0.0000	
12	2.88		.043576	5794	VV	0.0000	
13	2.93		.044407	5149	VV	0.0000	
14	3.16		.053300	52430	VV	0.0000	
15	3.37		.050479	6032	PV	0.0000	
16	3.66		.076080	7943	VV	0.0000	
17	3.76		.060890	8788	VV	0.0000	
18	3.94		.078741	15923	VV	0.0000	
19	4.20		.170098	11014	VV	0.0000	
20	4.48		.072670	22069	PV	0.0000	
21	4.61		.065170	5374	VV	0.0000	
22	5.55		.055955	4327	BV	0.0000	
23	6.67		.190139	13072	PV	0.0000	
24	6.96		.074584	2183	PB	0.0000	
25	8.00		.077406	80830	BB	0.0000	
26	9.42		.086684	25597	VB	0.0000	
27	11.66	11.64	.077930	108967	BV	.6872	Tetrachloro-m-xylene
28	12.06		.094151	10715	PV	0.0000	
29	13.15		.110713	18227	PV	0.0000	
30	13.34		.094791	14674	VV	0.0000	
31	13.57		.081404	45665	VV	0.0000	
32	14.20		.088272	16562	BB	0.0000	
33	16.11		.182208	58760	PV	0.0000	
34	16.27		.095935	15007	VV	0.0000	
35	16.38		.110171	13257	VV	0.0000	
36	16.67	16.75	.218348	52885	VV	.2648	Heptachlor
37	16.95	16.87	.162071	43721	VV	.2391	delta-BHC
38	17.14		.112066	17143	VV	0.0000	
39	17.34		.162281	19287	VV	0.0000	

M/S1246

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	17.56		.073463	6541	VV	0.0000	
41	17.74		.089296	85725	PV	0.0000	
42	17.90	17.85	.131109	55791	VV	.2948	Aldrin,
43	18.07		.102847	19785	VV	0.0000	
44	18.42		.143170	17923	PV	0.0000	
45	18.71		.105242	45787	VV	0.0000	
46	18.90		.153741	39822	VV	0.0000	
47	19.16		.111241	61591	VV	0.0000	
48	19.26	19.22	.119271	29833	VV	.2019	Iodrin
49	19.49		.096446	30718	VV	0.0000	
50	19.66	19.61	.092065	102575	VV	.5540	Heptachlor epoxide
51	19.84		.086903	41508	VV	0.0000	
52	20.02		.086941	130082	VV	0.0000	
53	20.14	20.22	.093333	91644	VV	.4730	gamma Chlordane
54	20.34		.119092	447801	VV	0.0000	
55	20.56		.099239	247946	VV	0.0000	
56	20.69	20.70	.114146	66137	VV	.3724	alpha Chlordane
57	20.98		.097097	44430	VV	0.0000	
58	21.14		.090235	17939	VV	0.0000	
59	21.39	21.40	.113831	206952	PV	1.2629	4,4'-DDE
60	21.54		.083866	179074	VV	0.0000	
61	21.74	21.69	.077761	110733	VV	.6631	Dieldrin
62	21.88		.098892	540570	VV	0.0000	
63	22.17		.127795	125627	VV	0.0000	
64	22.36	22.41	.134243	771406	VV	5.0063	Chlorobenzilate
65	22.62		.105471	107396	VV	0.0000	
66	22.82	22.74	.104895	489667	VV	3.5877	Endrin
67	23.07	23.07	.115043	127734	VV	.9810	4,4'-DDD
68	23.24	23.31	.124672	50117	VV	.3596	Endosulfan II
69	23.43		.116762	144360	VV	0.0000	
70	23.62		.161157	555561	VV	0.0000	
71	24.04		.127265	262613	VV	0.0000	
72	24.19	24.15	.101916	751008	VV	5.2943	4,4'-DDT
73	24.40	24.36	.114397	66488	VV	.5706	Endrin aldehyde
74	24.64		.178669	118578	VV	0.0000	
75	24.76		.088606	36374	VV	0.0000	
76	24.90	24.98	.106115	52265	VV	.3625	Endosulfan sulfate
77	25.20		.165097	42819	VV	0.0000	
78	25.33		.120346	30711	VV	0.0000	
79	25.43		.178926	41981	VV	0.0000	
80	25.74		.112894	283404	VV	0.0000	
81	26.06		.116468	150198	VV	0.0000	
82	26.38		.115557	149535	VV	0.0000	
83	26.48		.084083	56579	VV	0.0000	
84	26.76		.085579	22736	PV	0.0000	
85	26.96		.094176	16647	PV	0.0000	
86	27.34		.190030	18568	VB	0.0000	
87	27.77		.054162	14287	VB	0.0000	
88	27.94		.096943	82504	VV	0.0000	
89	28.41		.131576	36317	BV	0.0000	
90	28.72		.184193	16694	VB	0.0000	
91	30.87		.377767	98246	BV	0.0000	
92	31.07		.117578	26689	VB	0.0000	
93	31.66		.334540	35542	BB	0.0000	
94	31.88	#31.88	.105143	122302	BV	1.0650	Decachlorobiphenyl

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	32.18		.094855	79483	PB	0.0000	
96	32.38		.159425	20247	BV	0.0000	
97	33.30		.167126	18711	BV	0.0000	
98	33.39		.153695	21297	VV	0.0000	
99	33.55		.210547	32572	VV	0.0000	
100	34.36		.167092	40569	VV	0.0000	
101	34.70		.510466	214497	VB	0.0000	
102	35.45		.130006	41174	BV	0.0000	

Total Area : 9531202 Total PPB : 22.240

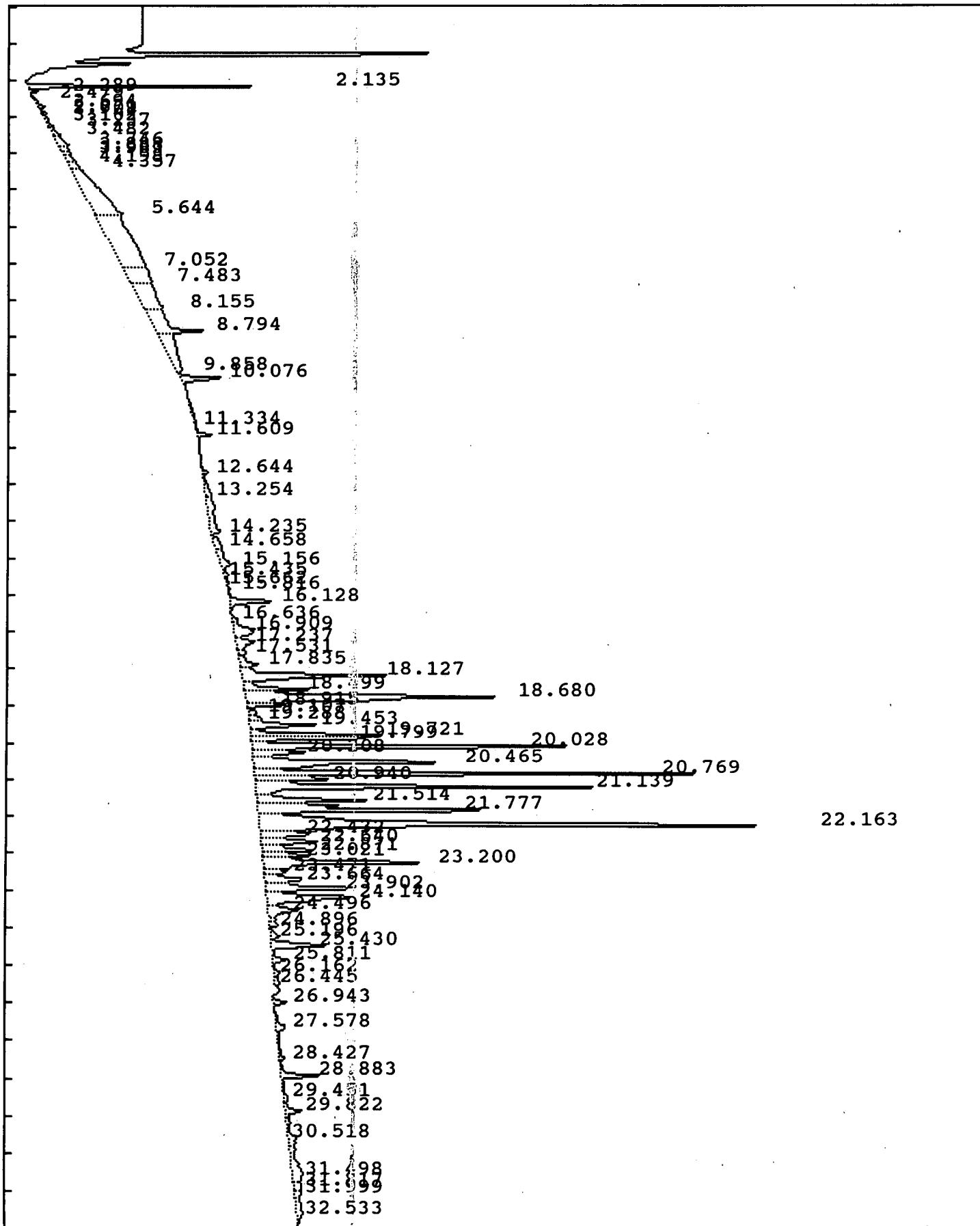
Report Time : 1807 11May1998
Method : /DATA/LOOP/METHOD/B4509_113.MT
Result File : /HP58904B/RESULT/B4509113.RES

0020

IEA Pesticide Standard Report

Sample Name : 980920A-02 CDY-002 DF=10 A/S
Result File : /HP58904A/RESULT/A4524111.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2158 04May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-02 CDY-002 DF=10 A/S Report No : 5.10
 Result File : /HP58904A/RESULT/A4524111.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2158 04May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 12 Bottle no. : 12

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.14		.041582	145712	BV	0.0000	
2	2.29		.034951	4914	VV	0.0000	
3	2.48		.026991	757	PV	0.0000	
4	2.69		.071744	9388	VV	0.0000	
5	2.87		.089811	5834	VV	0.0000	
6	2.91		.041314	2215	VV	0.0000	
7	3.10		.165602	6705	VV	0.0000	
8	3.24		.094297	6638	VV	0.0000	
9	3.48		.165243	15117	VV	0.0000	
10	3.75		.176709	23916	VV	0.0000	
11	3.89		.117514	11094	VV	0.0000	
12	3.98		.084537	8378	VV	0.0000	
13	4.20		.175316	17735	VV	0.0000	
14	4.36		.142648	16609	VV	0.0000	
15	5.64		.840935	262527	VV	0.0000	
16	7.05		1.434457	366966	VV	0.0000	
17	7.48		.452226	106877	VV	0.0000	
18	8.16		.601217	143800	VV	0.0000	
19	8.79		.263504	144120	VV	0.0000	
20	9.86		1.839610	111834	VV	0.0000	
21	10.08	10.06	.099717	52074	BV	.4828	Tetrachloro-m-xylene
22	11.33		.536813	11691	PV	0.0000	
23	11.61		.089478	15175	BV	0.0000	
24	12.64		.102157	7842	BV	0.0000	
25	13.25		.308967	22164	VV	0.0000	
26	14.24		.580991	66498	VV	0.0000	
27	14.66	14.66	.289260	22456	PV	.1963	gamma-BHC (Lindane)
28	15.16		.341136	38225	VV	0.0000	
29	15.44		.163872	8903	VV	0.0000	
30	15.66		.098118	2438	VV	0.0000	
31	15.82		.100236	2941	PB	0.0000	
32	16.13		.105137	54880	BV	0.0000	
33	16.64		.123652	7668	PV	0.0000	
34	16.91		.230543	56100	VV	0.0000	
35	17.24		.178901	38649	VV	0.0000	
36	17.53	17.48	.114166	11257	VV	.1306	Isodrin
37	17.84	17.83	.159175	34099	VV	.3558	delta-BHC
38	18.13		.118753	195365	VV	0.0000	
39	18.50		.097019	72285	VV	0.0000	

5/12/96

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	18.68		.125623	379844	VV	0.0000	
41	18.92		.088299	36663	VB	0.0000	
42	19.11		.142135	12976	BV	0.0000	
43	19.29	19.35	.096383	15014	VV	.1375	gamma-Chlordane
44	19.45	19.51	.109050	83969	VV	.7946	alpha-Chlordane
45	19.72		.075402	115134	VV	0.0000	
46	19.80	19.80	.077912	118265	VV	1.2512	4,4'-DDE
47	20.03		.080307	330092	VV	0.0000	
48	20.21		.125194	75640	VV	0.0000	
49	20.46		.121938	279177	VV	0.0000	
50	20.77		.085007	432388	VV	0.0000	
51	20.94	20.91	.09154	80248	VV	1.0513	Endrin
52	21.14		.089905	359995	VV	0.0000	
53	21.51		.101802	130099	VV	0.0000	
54	21.78	21.68	.106112	333992	VV	8.6174	Chlorobenzilate
55	22.16	22.16	.119581	754524	VV	10.2467	4,4'-DDD
56	22.43		.135161	75226	VV	0.0000	
57	22.64	22.65	.137721	86888	VV	1.3616	4,4'-DDT
58	22.87		.111074	67748	VV	0.0000	
59	23.02		.103690	54999	VV	0.0000	
60	23.20		.105756	209965	VV	0.0000	
61	23.47		.100989	26918	VV	0.0000	
62	23.66	23.63	.153954	69166	VV	1.5132	Endrin-aldehyde
63	23.90		.113928	119187	VV	0.0000	
64	24.14		.164577	161659	VV	0.0000	
65	24.50		.170315	56398	VV	0.0000	
66	24.90		.088302	9919	VV	0.0000	
67	25.20		.135526	14403	VV	0.0000	
68	25.43		.121577	71950	VV	0.0000	
69	25.81		.112539	17271	VV	0.0000	
70	26.16	26.22	.143696	10020	VV	.1359	Endrin-ketone
71	26.44		.179807	10522	VB	0.0000	
72	26.94		.107213	15591	PV	0.0000	
73	27.58		.237414	22720	PV	0.0000	
74	28.43		.234397	17171	VV	0.0000	
75	28.88	#28.88	.099776	43846	VV	.4433	Decachlorobiphenyl
76	29.45		.272295	13534	VV	0.0000	
77	29.82		.129711	24869	VV	0.0000	
78	30.52		.416276	36064	VV	0.0000	
79	31.50		.548421	68291	VV	0.0000	
80	31.82		.208765	19010	VV	0.0000	
81	32.00		.197789	14495	VV	0.0000	
82	32.53		.477748	29249	VV	0.0000	

Total Area : 7036943 Total PPB : 26.718

Report Time : 1608 08May1998
 Method : /DATA/LOGP/METHOD/A4524_111.MT
 Result File : /HP58904A/RESULT/A4524111.RES

0023

IEA Pesticide Standard Report

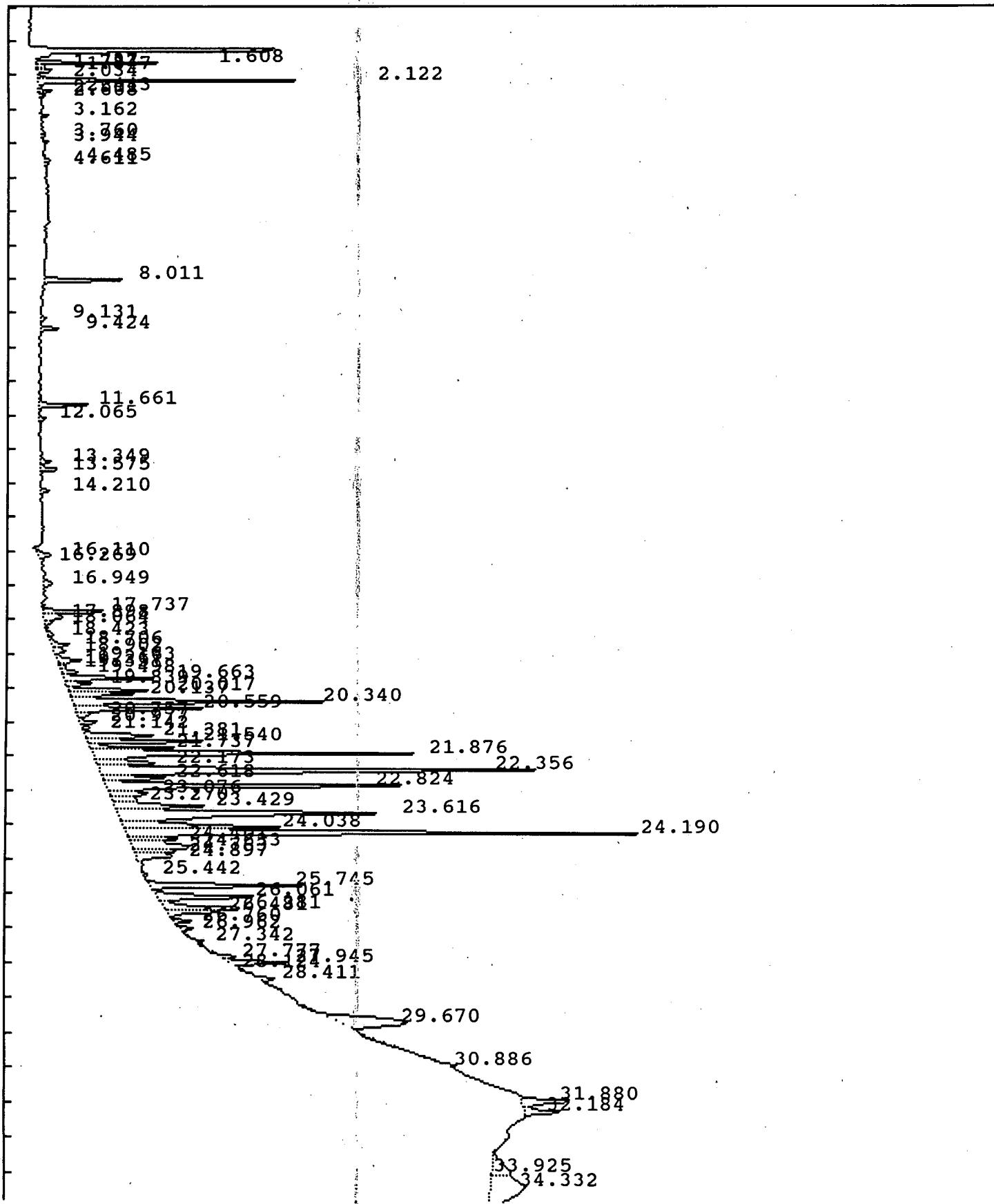
Sample Name : 980920A-02 CDY-002 DF=10 Inj on 1016 05May1998

Result File : /HP58904B/RESULT/B4509114.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-02 CDY-002 DF=10 A/S Report No : 30.10
 Result File : /HP58904B/RESULT/B4509114.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1016 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 15 Bottle no. : 15

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.61		.038639	101747	BV	0.0000	
2	1.74		.047782	6907	VV	0.0000	
3	1.79		.037524	5722	VV	0.0000	
4	1.85		.060639	20002	VV	0.0000	
5	2.03		.042820	6648	VV	0.0000	
6	2.12		.052330	260700	VV	0.0000	
7	2.44		.049714	12964	VV	0.0000	
8	2.50		.050250	6312	VV	0.0000	
9	2.61		.043038	4694	VV	0.0000	
10	3.16		.056226	8970	PV	0.0000	
11	3.76		.065894	4143	VV	0.0000	
12	3.94		.081725	8260	VV	0.0000	
13	4.49		.087693	9115	PV	0.0000	
14	4.61		.067545	3083	VB	0.0000	
15	8.01		.078543	101452	BB	0.0000	
16	9.13		.114398	9924	BV	0.0000	
17	9.42		.084209	26265	VB	0.0000	
18	11.66	11.64	.076606	63761	BV	.4021	Tetrachloro-m-xylene
19	12.07		.097702	11554	PV	0.0000	
20	13.35		.083794	13310	BV	0.0000	
21	13.58		.081764	25378	VB	0.0000	
22	14.21		.090981	11389	BB	0.0000	
23	16.11		.166734	32380	PV	0.0000	
24	16.27		.088401	2982	VB	0.0000	
25	16.95	16.87	.138526	17836	BV	.0975	delta-BHC
26	17.74		.089995	95448	PV	0.0000	
27	17.90	17.85	.121369	37980	VV	.2007	Aldrin
28	18.06		.109385	13087	VV	0.0000	
29	18.42		.145594	10870	PV	0.0000	
30	18.71		.113224	31574	VV	0.0000	
31	18.90		.146838	25392	VV	0.0000	
32	19.16		.117037	41862	VV	0.0000	
33	19.27	19.22	.065667	7701	VV	.0521	Isodrin
34	19.35		.082201	7906	VV	0.0000	
35	19.50		.093275	25550	VV	0.0000	
36	19.66	19.61	.083708	119676	VV	.6464	Heptachlor epoxide
37	19.84		.085156	36784	VV	0.0000	
38	20.02		.084203	109533	VV	0.0000	
39	20.14	20.22	.088354	86319	VV	.4456	gamma-Chlordane

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IEA Pesticide Standard Report

PK#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	20.34		.098848	375343	VV	0.0000	
41	20.56		.095180	202719	VV	0.0000	
42	20.76	20.76	.101864	18212	VV	.1010	Endosulfan I
43	20.98		.093030	27483	VV	0.0000	
44	21.14		.085300	10712	VV	0.0000	
45	21.38	21.40	.128807	125584	PV	.7664	4,4'-DDE
46	21.54		.083391	164104	VV	0.0000	
47	21.74	21.69	.076300	103251	VV	.6183	Dieldrin
48	21.88		.102267	510610	VV	0.0000	
49	22.17		.113914	105959	VV	0.0000	
50	22.36	22.41	.121989	845780	VV	5.4889	Chlorobenzilate
51	22.62		.099078	100917	VV	0.0000	
52	22.82	22.74	.099538	492020	VV	3.6049	Endrin
53	23.08	23.07	.144433	82325	VV	.6323	4,4'-DDD
54	23.27	23.31	.116840	40226	VV	.2886	Endosulfan II
55	23.43		.116361	153016	VV	0.0000	
56	23.62		.152497	609040	VV	0.0000	
57	24.04		.129367	298063	VV	0.0000	
58	24.19	24.15	.103702	799281	VV	5.6346	4,4'-DDT
59	24.40	24.36	.124068	85726	VV	.7357	Endrin aldehyde
60	24.63		.191773	160843	VV	0.0000	
61	24.76		.099829	59036	VV	0.0000	
62	24.90	24.98	.124019	71968	VV	.4991	Endosulfan sulfate
63	25.44		.170521	8046	VV	0.0000	
64	25.75		.100034	227741	PV	0.0000	
65	26.06		.117950	174518	VV	0.0000	
66	26.38		.118725	147295	VV	0.0000	
67	26.48		.092984	76414	VV	0.0000	
68	26.76		.084995	24697	PV	0.0000	
69	26.96		.099111	21030	PV	0.0000	
70	27.34		.084510	10345	PV	0.0000	
71	27.78		.091837	25051	BV	0.0000	
72	27.95		.103582	90747	VV	0.0000	
73	28.12		.106658	3510	VV	0.0000	
74	28.41		.143777	36050	PV	0.0000	
75	29.67		.306044	287500	BV	0.0000	
76	30.89		.214390	26138	BV	0.0000	
77	31.88	#31.88	.136910	106730	BV	.9294	Decachlorobiphenyl
78	32.18		.108856	62086	VB	0.0000	
79	33.92		.354809	96586	BV	0.0000	
80	34.33		.642513	325257	VV	0.0000	

Total Area : 8617138 Total PPB : 21.144

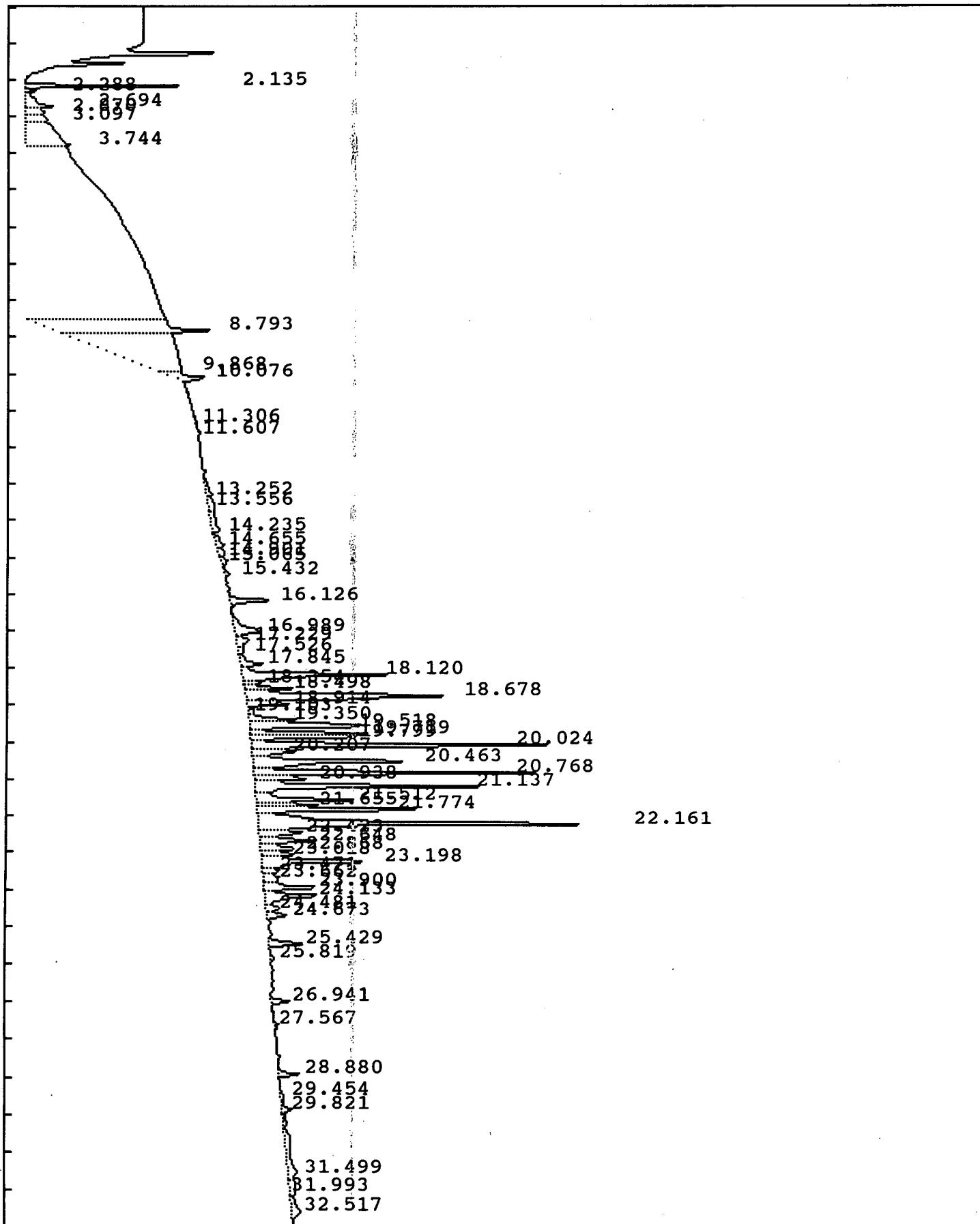
Report Time : 1817 11May1998
 Method : /DATA/LOOP/METHOD/B4509_114.MT
 Result File : /HP58904B/RESULT/B4509114.RES

0027

IEA Pesticide Standard Report

Sample Name : 980920A-03 CDY-003 DF=20 A/S
Result File : /HP58904A/RESULT/A4524112.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2244 04May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



0028

IEA Pesticide Standard Report

Sample Name : 980920A-03 CDY-003 DF=20 A/S Report No : 6.10
 Result File : /HP58904A/RESULT/A4524112.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2244 04May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 13 Bottle no. : 13

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.14		.041322	99470	BV	0.0000	
2	2.29		.048049	7847	VV	0.0000	
3	2.69		.142135	62332	VV	0.0000	
4	2.87		.158370	34298	VV	0.0000	
5	3.10		.176832	44945	VV	0.0000	
6	3.74		.478447	242013	VV	0.0000	
7	8.79		.315281	550541	BV	0.0000	
8	9.87		2.351466	752448	VV	0.0000	
9	10.08	10.06	.147020	58806	VB	.5453	Tetrachloro-m-xylene
10	11.31		.295214	7227	BV	0.0000	
11	11.61		.094114	3022	VV	0.0000	
12	13.25		.290754	20345	VV	0.0000	
13	13.56		.334148	23552	VV	0.0000	
14	14.23		.408874	33768	VV	0.0000	
15	14.66	14.66	.208037	20716	PV	.1811	gamma-BHC (Lindane)
16	14.90		.188011	13993	VV	0.0000	
17	15.06		.186616	13704	VV	0.0000	
18	15.43		.127885	6662	VV	0.0000	
19	16.13		.101765	50229	BV	0.0000	
20	16.99		.206869	62295	PV	0.0000	
21	17.23		.202267	26433	VV	0.0000	
22	17.53	17.48	.153861	8803	VV	.1022	Isodrin
23	17.85	17.83	.130281	34087	VV	.3557	delta-BHC
24	18.12		.109332	182161	VV	0.0000	
25	18.35	18.35	.086371	16447	VV	.1602	Heptachlor epoxide
26	18.50		.085363	47996	VV	0.0000	
27	18.68		.130940	318369	VV	0.0000	
28	18.91		.089587	45218	VB	0.0000	
29	19.10		.137331	9151	BV	0.0000	
30	19.35	19.35	.094990	51387	VV	.4706	gamma-Chlordane
31	19.52	19.51	.123432	171616	VV	1.6240	alpha-Chlordane
32	19.72		.075899	104822	VV	0.0000	
33	19.80	19.80	.078971	109320	VV	1.1566	4,4'-DDE
34	20.02		.081263	299258	VV	0.0000	
35	20.21		.139001	68119	VV	0.0000	
36	20.46		.116768	227146	VV	0.0000	
37	20.77		.085898	280868	VV	0.0000	
38	20.94	20.91	.095895	60202	VV	.7887	Endrin
39	21.14		.093155	250328	VV	0.0000	

M/S/12/98

0029

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	21.51		.096607	111982	VV	0.0000	
41	21.65	21.68	.082230	57968	VV	1.4956	Chlorobenzilate
42	21.77		.082877	178606	VV	0.0000	
43	22.16	22.16	.120991	503618	VV	6.8393	4,4'-DDD
44	22.42		.131438	63439	VV	0.0000	
45	22.65	22.65	.114636	74762	VV	1.1715	4,4'-DDT
46	22.87		.115957	49211	VV	0.0000	
47	23.02		.116162	42766	VV	0.0000	
48	23.20		.109595	144090	VV	0.0000	
49	23.47		.111483	21877	VV	0.0000	
50	23.66	23.63	.199037	35010	VV	.7659	Endrin aldehyde
51	23.90		.114580	74268	VV	0.0000	
52	24.13		.144963	91155	VV	0.0000	
53	24.48		.134824	21345	VV	0.0000	
54	24.67	24.68	.128259	27960	VV	.8188	Methoxychlor
55	25.43		.114767	41732	VV	0.0000	
56	25.82		.134698	6186	PV	0.0000	
57	26.94		.102280	20339	PV	0.0000	
58	27.57		.167169	7687	PB	0.0000	
59	28.88	#28.88	.088666	21724	BV	.2196	Decachlorobiphenyl
60	29.45		.239281	9136	PV	0.0000	
61	29.82		.148720	17586	VV	0.0000	
62	31.50		.808666	83904	VV	0.0000	
63	31.99		.413539	25348	VV	0.0000	
64	32.52		.373034	37058	VV	0.0000	

Total Area : 6188703 Total PPB : 16.695

Report Time : 1619 08May1998
 Method : /DATA/LOOP/METHOD/A4524_111.MT
 Result File : /HP58904A/RESULT/A4524112.RES

DyS12198

IEA Pesticide Standard Report

0030

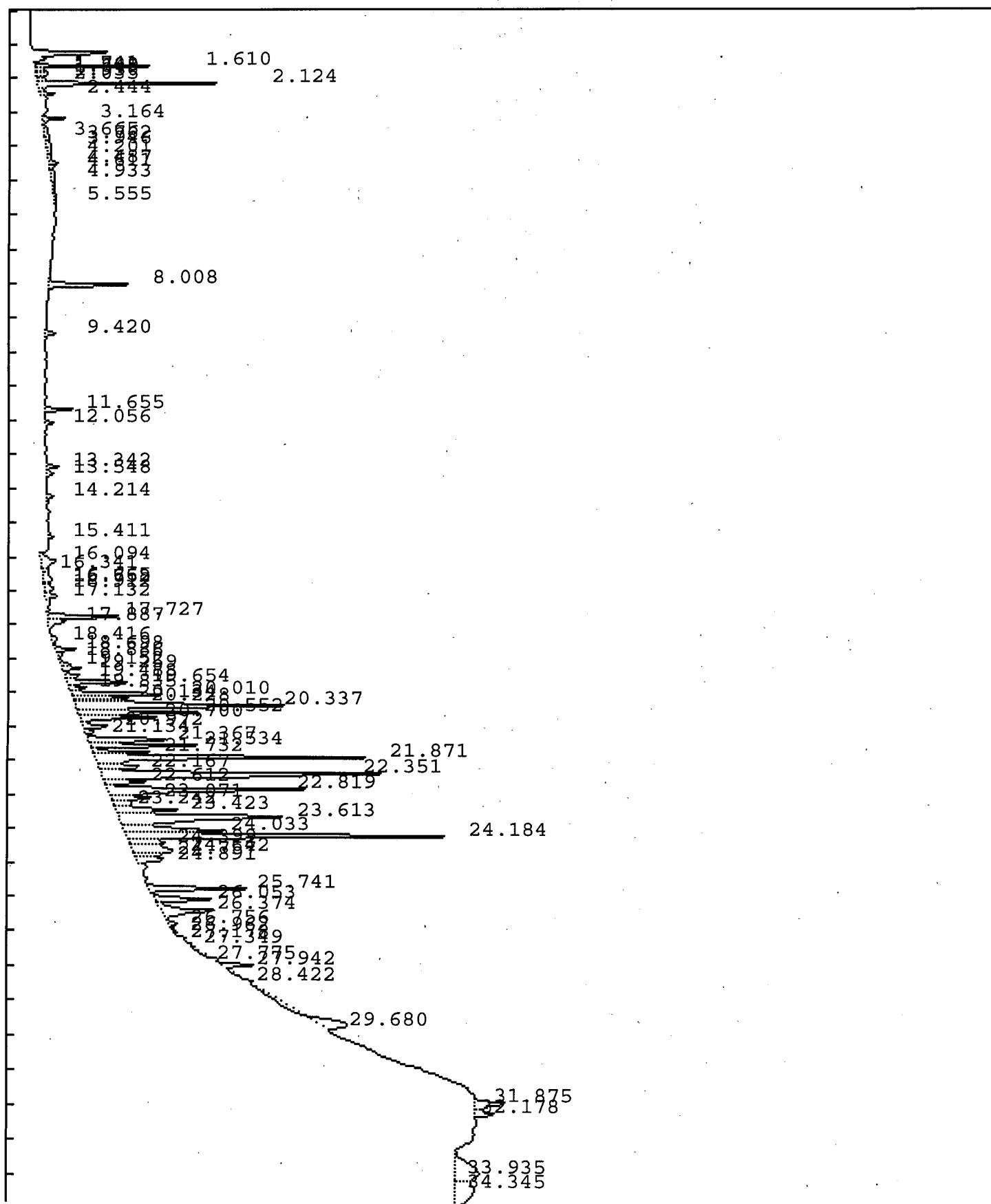
Sample Name : 980920A-03 CDY-003 DF=20Inj on 1106 05May1998

Result File : /HP58904B/RESULT/B4509115.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 uL



IEA Pesticide Standard Report

Sample Name : 980920A-03 CDY-003 DF=20 A/S Report No : 31.10
 Result File : /HP58904B/RESULT/B4509115.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1106 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 16 Bottle no. : 16

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.61		.038225	96518	BV	0.0000	
2	1.74		.056455	7859	VV	0.0000	
3	1.79		.044252	7165	VV	0.0000	
4	1.85		.083353	19029	VV	0.0000	
5	1.95		.061293	8578	VV	0.0000	
6	2.04		.058517	9349	VV	0.0000	
7	2.12		.054681	188230	VV	0.0000	
8	2.44		.066665	18599	VV	0.0000	
9	3.16		.057742	24645	VV	0.0000	
10	3.66		.285321	17320	PV	0.0000	
11	3.76		.089982	7176	VV	0.0000	
12	3.95		.132255	11536	VV	0.0000	
13	4.20		.241765	14442	VV	0.0000	
14	4.49		.128538	21251	VV	0.0000	
15	4.61		.112918	7680	VV	0.0000	
16	4.93		.323803	16157	VV	0.0000	
17	5.56		.489261	17156	VV	0.0000	
18	8.01		.081012	104124	PV	0.0000	
19	9.42		.086093	16125	BB	0.0000	
20	11.66	11.64	.076359	34675	BV	.2187	Tetrachloro-m-xylene
21	12.06		.078927	11828	PV	0.0000	
22	13.34		.088620	18002	VV	0.0000	
23	13.55		.092085	11097	VB	0.0000	
24	14.21		.101324	11776	PB	0.0000	
25	15.41	15.41	.084433	7950	VB	.0405	gamma-BHC (Lindane)
26	16.09		.241169	52420	PV	0.0000	
27	16.34		.100400	10266	VV	0.0000	
28	16.66		.232002	30892	VV	0.0000	
29	16.75	16.75	.082910	8774	VV	.0439	Heptachlor
30	16.91	16.87	.175815	24305	VV	.1329	delta-BHC
31	17.13		.110675	21644	VV	0.0000	
32	17.73		.090241	103052	PV	0.0000	
33	17.89	17.85	.127190	36879	VV	.1949	Aldrin
34	18.42		.151296	14245	PV	0.0000	
35	18.70		.085231	26743	VV	0.0000	
36	18.89		.121702	10583	VV	0.0000	
37	19.15		.108930	15186	VV	0.0000	
38	19.26	19.22	.090151	25706	VV	.1739	Isodrin
39	19.49		.101240	24881	VV	0.0000	

MS/12/98

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	19.65	19.61	.089540	92001	VV	.4969	Heptachlor epoxide
41	19.84		.084826	24767	VV	0.0000	
42	20.01		.085905	137044	VV	0.0000	
43	20.13		.078075	64190	VV	0.0000	
44	20.23	20.22	.070846	62381	VV	.3220	gamma-Chlordane
45	20.34		.117673	368247	VV	0.0000	
46	20.55		.092688	174312	VV	0.0000	
47	20.70	20.70	.097340	116310	VV	.6550	alpha-Chlordane
48	20.97		.092987	39651	VV	0.0000	
49	21.13		.085229	14180	VV	0.0000	
50	21.37	21.40	.127203	140533	PV	.8576	4,4'-DDE
51	21.53		.082433	144263	VV	0.0000	
52	21.73	21.69	.074486	67988	VV	.4071	Dieldrin
53	21.87		.099116	433024	VV	0.0000	
54	22.17		.108759	72405	VV	0.0000	
55	22.35	22.41	.133285	580690	VV	3.7686	Chlorobenzilate
56	22.61		.090103	58076	VV	0.0000	
57	22.82	22.74	.106804	343794	VV	2.5189	Endrin
58	23.07	23.07	.115858	69475	VV	.5336	4,4'-DDD
59	23.24	23.31	.124360	33302	VV	.2389	Endosulfan II
60	23.42		.119488	110754	VV	0.0000	
61	23.61		.174468	440620	VV	0.0000	
62	24.03		.134379	200305	VV	0.0000	
63	24.18	24.15	.106042	528049	VV	3.7226	4,4'-DDT
64	24.40	24.36	.124999	66120	VV	.5675	Endrin aldehyde
65	24.64		.209097	125955	VV	0.0000	
66	24.76		.089680	36192	VV	0.0000	
67	24.89	24.98	.127249	55524	VV	.3850	Endosulfan sulfate
68	25.74		.099276	145870	PV	0.0000	
69	26.05		.107405	91247	VV	0.0000	
70	26.37		.156415	129269	VV	0.0000	
71	26.76		.089340	12431	VV	0.0000	
72	26.96		.072660	2874	PV	0.0000	
73	27.18	27.20	.074761	6624	PV	.1231	Methoxychlor
74	27.35		.088249	4676	VV	0.0000	
75	27.77		.040732	5297	PV	0.0000	
76	27.94		.095403	49241	VV	0.0000	
77	28.42		.052446	4038	PV	0.0000	
78	29.68		.247652	94705	PB	0.0000	
79	31.88	#31.88	.152154	69709	BV	.6070	Decachlorobiphenyl
80	32.18		.102410	30958	BV	0.0000	
81	33.93		.488169	162236	PV	0.0000	
82	34.34		.548702	154654	VV	0.0000	

Total Area : 6677823 Total PPB : 16.009

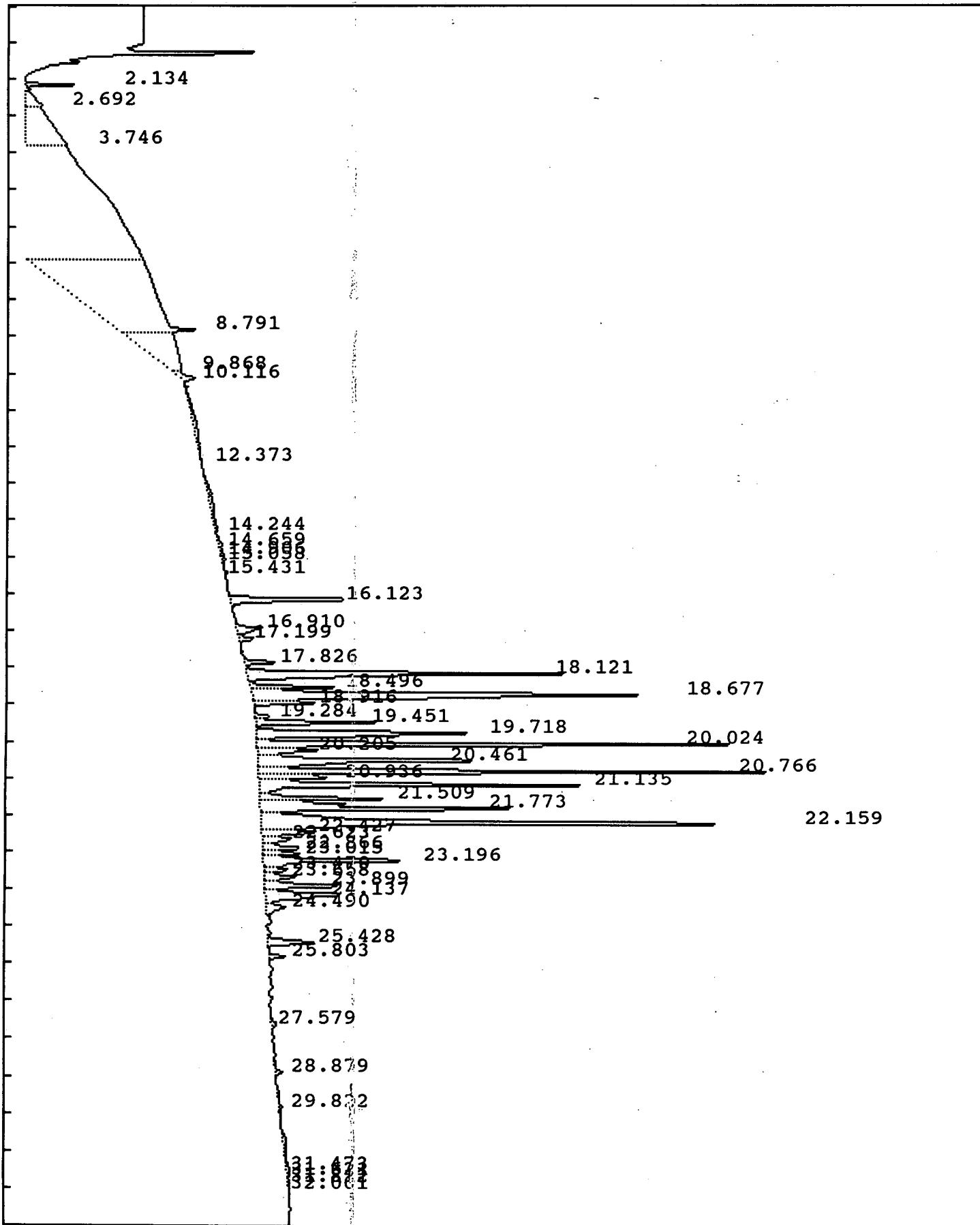
Report Time : 1820 11May1998
 Method : /DATA/LOOP/METHOD/B4509_115.MT
 Result File : /HP58904B/RESULT/B4509115.RES

0034

IEA Pesticide Standard Report

Sample Name : 980920A-04 CDY-004 DF=50 A/S
Result File : /HP58904A/RESULT/A4524113.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2330 04May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-04 CDY-004 DF=50 A/S Report No : 7.10
 Result File : /HP58904A/RESULT/A4524113.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2330 04May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 14 Bottle no. : 14

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.042376	33378	BV	0.0000	
2	2.69		.206219	47252	VV	0.0000	
3	3.75		.700859	316556	VV	0.0000	
4	8.79		2.089849	1829801	BV	0.0000	
5	9.87		2.458519	351999	VV	0.0000	
6	10.12		.181726	28480	VB	0.0000	
7	12.37		2.995531	42085	BV	0.0000	
8	14.24		1.365045	39082	VV	0.0000	
9	14.66	14.66	.228646	9231	PV	.0807	gamma-BHC (Lindane)
10	14.91		.188778	6618	VV	0.0000	
11	15.06		.158025	7484	VV	0.0000	
12	15.43		.109945	4094	VV	0.0000	
13	16.12		.096231	150403	BV	0.0000	
14	16.91		.136852	41371	VV	0.0000	
15	17.20		.095226	18341	VV	0.0000	
16	17.83	17.83	.076638	30918	PV	.3226	delta-BHC
17	18.12		.106830	387975	VV	0.0000	
18	18.50		.077920	79087	VV	0.0000	
19	18.68		.122204	593828	VV	0.0000	
20	18.92		.086436	64551	VB	0.0000	
21	19.28	19.35	.069714	13141	BV	.1204	gamma-Chlordane
22	19.45	19.51	.083685	118452	VV	1.1209	alpha-Chlordane
23	19.72		.122119	307973	VV	0.0000	
24	20.02		.078102	458418	VV	0.0000	
25	20.20		.127965	88103	VV	0.0000	
26	20.46		.114328	331581	VV	0.0000	
27	20.77		.085695	499945	VV	0.0000	
28	20.94	20.91	.087973	76357	VV	1.0003	Endrin
29	21.14		.088897	347261	VV	0.0000	
30	21.51		.089284	134603	VV	0.0000	
31	21.77	21.68	.105571	352110	VV	9.0848	Chlorobenzilate
32	22.16	22.16	.119314	731757	VV	9.9375	A,4'-DDD
33	22.43		.122891	74817	VV	0.0000	
34	22.62	22.65	.141685	48728	VV	.7636	4,4'-DDT
35	22.87		.106925	49195	VV	0.0000	
36	23.02		.101147	44910	VV	0.0000	
37	23.20		.103299	187874	VV	0.0000	
38	23.47		.097483	28617	VV	0.0000	
39	23.66	23.63	.122439	46023	VV	1.0069	Endrin aldehyde

8/5/12/96

0036

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	23.90		.112503	106237	VV	0.0000	
41	24.14		.162068	143321	VV	0.0000	
42	24.49		.163018	35774	VV	0.0000	
43	25.43		.118840	59121	VV	0.0000	
44	25.80		.105724	19765	PB	0.0000	
45	27.58		.206376	10994	PV	0.0000	
46	28.88	#28.88	.107664	9684	VV	.0979	Decachlorobiphenyl
47	29.82		.223127	8256	PV	0.0000	
48	31.47		.771112	24786	VV	0.0000	
49	31.62		.102195	1973	VV	0.0000	
50	31.81		.146049	3573	VV	0.0000	
51	32.00		.168273	1671	VV	0.0000	
Total Area		:	8447560	Total PPB		:	23.536
Report Time	:	1620	08May1998				
Method	:	/DATA/LOOP/METHOD/A4524_113.MT					
Result File	:	/HP58904A/RESULT/A4524113.RES					

0037

IEA Pesticide Standard Report

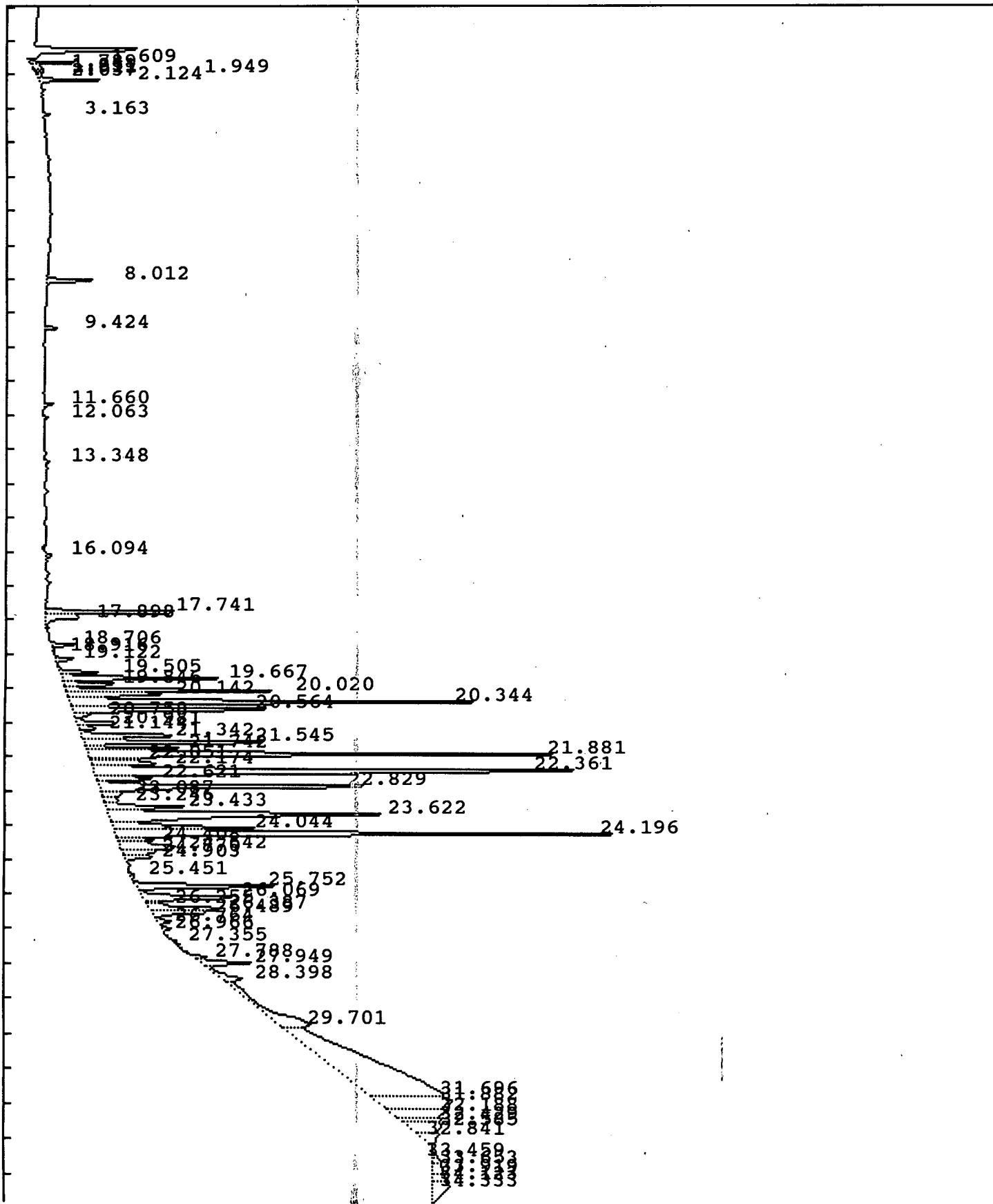
Sample Name : 980920A-04 CDY-004 DF=50Inj on 1152 05May1998

Result File : /DATA/LOOP/RESULT/B4509116.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-04 CDY-004 DF=50 A/S Report No : 32.00
 Result File : /DATA/LOOP/RESULT/B4509116.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1152 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 17 Bottle no. : 17

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.61		.042597	40629	BV	0.0000	
2	1.79		.111869	15354	VV	0.0000	
3	1.85		.071371	10659	VV	0.0000	
4	1.91		.035224	4200	VV	0.0000	
5	1.95		.059086	6875	VV	0.0000	
6	2.04		.060643	5113	VV	0.0000	
7	2.12		.052077	61167	VV	0.0000	
8	3.16		.051212	5727	BV	0.0000	
9	8.01		.079891	60814	BB	0.0000	
10	9.42		.080152	15403	BB	0.0000	
11	11.66	11.64	.069500	11885	BB	.0750	Tetrachloro-m-xylene
12	12.06		.079244	6416	BV	0.0000	
13	13.35		.078983	6712	BV	0.0000	
14	16.09		.073561	7538	BV	0.0000	
15	17.74		.086870	213166	BV	0.0000	
16	17.90	17.85	.099779	60544	VV	.3200	Aldrin
17	18.71		.079564	32056	PV	0.0000	
18	18.92		.121616	4070	VV	0.0000	
19	19.12		.087261	25911	PV	0.0000	
20	19.51		.084630	53957	VV	0.0000	
21	19.67	19.61	.082453	202487	VV	1.0936	Heptachlor epoxide
22	19.85		.081956	76848	VV	0.0000	
23	20.02		.085486	276851	VV	0.0000	
24	20.14	20.22	.082783	120274	VV	.6208	gamma-Chlordane
25	20.34		.096583	594979	VV	0.0000	
26	20.56		.094260	322506	VV	0.0000	
27	20.76	20.76	.092271	20510	VV	.1137	Endosulfan-I
28	20.98		.093016	65562	VV	0.0000	
29	21.14		.088967	26099	VV	0.0000	
30	21.34	21.40	.101944	164675	VV	1.0049	4,4'-DDE
31	21.54		.084538	281605	VV	0.0000	
32	21.74	21.69	.077164	119567	VV	.7160	Dieldrin
33	21.88		.094635	681153	VV	0.0000	
34	22.05		.070216	51458	VV	0.0000	
35	22.17		.109074	113076	VV	0.0000	
36	22.36	22.41	.127996	1024162	VV	6.6466	Chlorobenzilate
37	22.62		.089177	84469	VV	0.0000	
38	22.83	22.74	.098828	472695	VV	3.4633	Endrin
39	23.09	23.07	.136961	39105	VV	.3003	4,4'-DDD

MSL1218

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	23.25	23.31	.127903	26203	VV	.1880	Endosulfan-II
41	23.43		.103081	121484	VV	0.0000	
42	23.62		.147201	605761	VV	0.0000	
43	24.04		.123358	256676	VV	0.0000	
44	24.20	24.15	.101442	752048	VV	5.3017	4,4'-DDT
45	24.41	24.36	.114724	58705	VV	.5038	Endrin-aldehyde
46	24.64		.202895	158188	VV	0.0000	
47	24.77		.096775	46596	VV	0.0000	
48	24.90	24.98	.114745	48854	VV	.3388	Endosulfan-sulfate
49	25.45		.150454	10133	PV	0.0000	
50	25.75		.101673	219609	PV	0.0000	
51	26.07		.120084	175716	VV	0.0000	
52	26.25		.072362	16058	VV	0.0000	
53	26.39		.108004	119328	VV	0.0000	
54	26.49		.104605	89852	VV	0.0000	
55	26.76		.097714	20888	VV	0.0000	
56	26.97		.104901	14114	VV	0.0000	
57	27.35		.028634	1613	PV	0.0000	
58	27.79		.086942	18692	PV	0.0000	
59	27.95		.112353	87204	VV	0.0000	
60	28.40		.210505	73114	VV	0.0000	
61	29.70		.507316	240470	VV	0.0000	
62	31.70		1.315893	1426377	VV	0.0000	
63	31.88	#31.88	.308234	343567	VV	2.9918	Decachlorobiphenyl
64	32.19		.214074	177617	VV	0.0000	
65	32.43		.127108	74250	VV	0.0000	
66	32.59		.261998	128337	VV	0.0000	
67	32.84		.238108	74548	BV	0.0000	
68	33.46		.095677	6849	BV	0.0000	
69	33.65		.153108	19121	VV	0.0000	
70	33.92		.247794	39713	VV	0.0000	
71	34.12		.205324	40029	VV	0.0000	
72	34.33		.413927	100021	VV	0.0000	

Total Area : 10978020 Total PPB : 23.678

Report Time : 1238 05May1998
 Method : /DATA/LOC/P/METHOD/B4509.MTH
 Result File : /DATA/LOC/P/RESULT/B4509116.RES

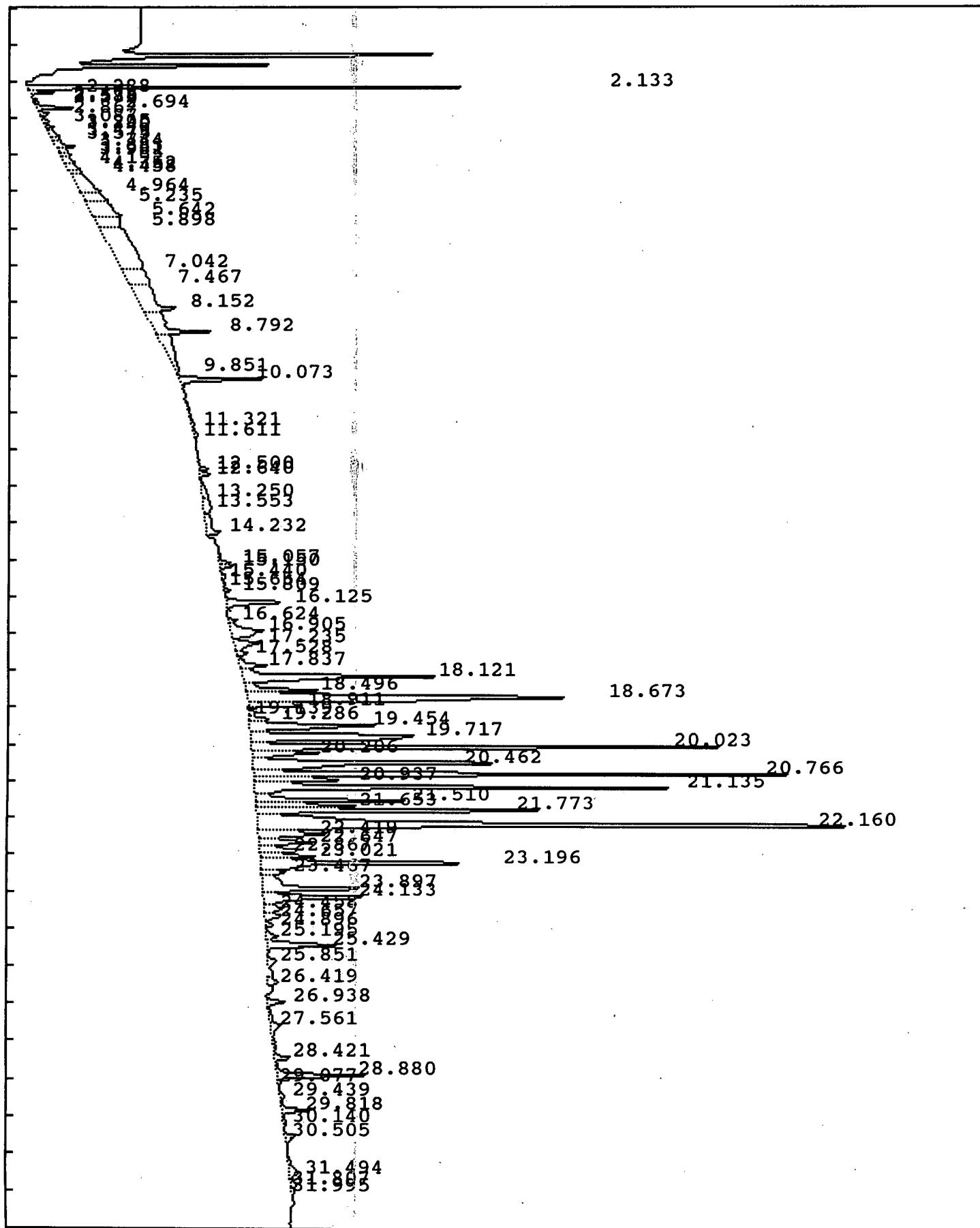
MS1248

0041

IEA Pesticide Standard Report

Sample Name : 980920A-05 CDY-005 DF=5 A/S
Result File : /HP58904A/RESULT/A4524114.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0016 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-05 CDY-005 DF=5 A/S Report No : 8.10
 Result File : /HP58904A/RESULT/A4524114.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0016 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 15 Bottle no. : 15

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.041672	290866	VV	0.0000	
2	2.29		.039543	15129	VV	0.0000	
3	2.48		.042813	2765	PV	0.0000	
4	2.54		.038526	1919	VV	0.0000	
5	2.59		.065544	3562	VV	0.0000	
6	2.69		.044918	31401	VV	0.0000	
7	2.87		.095014	11840	VV	0.0000	
8	3.09		.130423	8223	VV	0.0000	
9	3.24		.078620	8016	PV	0.0000	
10	3.29		.041380	2866	VV	0.0000	
11	3.48		.128328	16688	VV	0.0000	
12	3.58		.076554	7187	VV	0.0000	
13	3.74		.106981	25912	VV	0.0000	
14	3.88		.099211	11168	VV	0.0000	
15	3.98		.081990	10839	VV	0.0000	
16	4.19		.164903	20354	VV	0.0000	
17	4.35		.134921	19534	VV	0.0000	
18	4.46		.086706	12721	VV	0.0000	
19	4.96		.368500	85762	VV	0.0000	
20	5.23		.239111	60215	VV	0.0000	
21	5.64		.352795	112040	VV	0.0000	
22	5.90		.251922	62719	VV	0.0000	
23	7.04		1.195621	294609	VV	0.0000	
24	7.47		.445797	102243	VV	0.0000	
25	8.15		.366076	155096	VV	0.0000	
26	8.79		.211870	136483	VV	0.0000	
27	9.85		2.398239	94803	VB	0.0000	
28	10.07	10.06	.079370	84386	BB	.7824	Tetrachloro-m-xylene
29	11.32		.484174	14139	PV	0.0000	
30	11.61		.160403	7901	VB	0.0000	
31	12.50		.070071	9348	BV	0.0000	
32	12.64		.092893	11586	VV	0.0000	
33	13.25		.299323	22403	VV	0.0000	
34	13.55		.297094	27237	VV	0.0000	
35	14.23		.270994	45470	VV	0.0000	
36	15.06		.101614	13532	BV	0.0000	
37	15.15		.088882	13071	VV	0.0000	
38	15.44		.142325	7711	PV	0.0000	
39	15.65		.090085	4115	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	15.81		.072503	5626	VV	0.0000	
41	16.13		.109586	74630	VB	0.0000	
42	16.62		.098832	9548	BV	0.0000	
43	16.90		.201191	75332	VV	0.0000	
44	17.23		.161107	46172	VV	0.0000	
45	17.53	17.48	.093779	12129	VV	.1408	
46	17.84	17.83	.121123	37466	VV	.3909	Isodrin delta-BHC
47	18.12		.113671	251219	VV	0.0000	
48	18.50		.094834	81482	VV	0.0000	
49	18.67		.136666	548133	VV	0.0000	
50	18.91		.083387	54486	VB	0.0000	
51	19.14	19.19	.129034	9651	BV	.1078	
52	19.29	19.35	.087718	20640	VV	.1890	
53	19.45	19.51	.117001	173669	VV	1.6434	Endosulfan I gamma-Chlordane alpha-Chlordane
54	19.72		.151793	295597	VV	0.0000	
55	20.02		.080296	460598	VV	0.0000	
56	20.21		.118477	90846	VV	0.0000	
57	20.46		.113274	356685	VV	0.0000	
58	20.77		.082351	512764	VV	0.0000	
59	20.94	20.91	.088178	95150	VV	1.2465	Endrin
60	21.14		.086446	437299	VV	0.0000	
61	21.51		.090458	164820	VV	0.0000	
62	21.65	21.68	.076954	89096	VV	2.2988	Chlorobenzilate
63	21.77		.081791	310758	VV	0.0000	
64	22.16	22.16	.115150	939515	VV	12.7589	4,4'-DDD
65	22.42	22.34	.123864	91183	VV	1.0671	Endosulfan II
66	22.65	22.65	.120172	74814	VV	1.1724	4,4'-DDT
67	22.87		.122252	56452	VV	0.0000	
68	23.02		.101444	63386	VV	0.0000	
69	23.20		.101958	274227	VV	0.0000	
70	23.47		.103242	28376	VV	0.0000	
71	23.90		.139745	173297	VV	0.0000	
72	24.13		.129781	157369	VV	0.0000	
73	24.46		.143600	30572	VV	0.0000	
74	24.66	24.68	.144013	25902	VV	.7585	Methoxychlor
75	24.90		.081896	7268	VV	0.0000	
76	25.19		.107464	15016	VV	0.0000	
77	25.43		.116519	89418	VV	0.0000	
78	25.85		.172812	16169	BV	0.0000	
79	26.42		.178883	19836	VV	0.0000	
80	26.94		.116951	22827	PV	0.0000	
81	27.56		.263173	34677	VV	0.0000	
82	28.42		.140488	27315	VV	0.0000	
83	28.88	#28.88	.095407	97003	VV	.9807	Decachlorobiphenyl
84	29.08		.151104	4295	VV	0.0000	
85	29.44		.182076	10462	VV	0.0000	
86	29.82		.110653	35653	VV	0.0000	
87	30.14		.180459	6383	VB	0.0000	
88	30.51		.159954	18668	BV	0.0000	
89	31.49		.277656	30968	VV	0.0000	
90	31.81		.167013	9782	VV	0.0000	
91	31.99		.150386	6178	VV	0.0000	

Total Area : 8446666 Total PPB : 23.537

Report Time : 1636 08May1998

0044

IEA Pesticide Standard Report

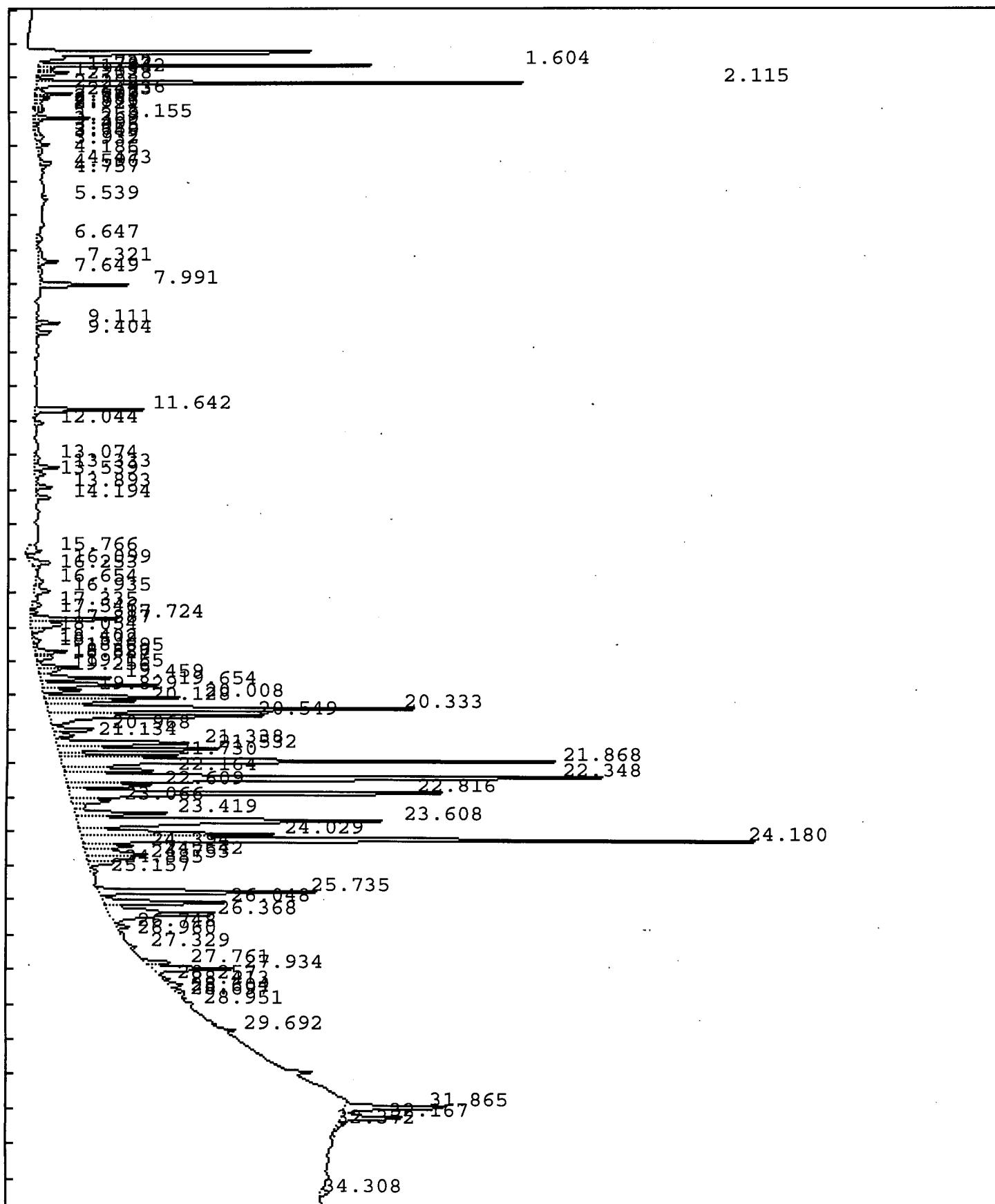
Sample Name : 980920A-05 CDY-005 DF=5 Inj on 1542 05May1998

Result File : /HP58904B/RESULT/B4509121.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 uL



IEA Pesticide Standard Report

Sample Name : 980920A-05 CDY-005 DF=5 A/S Report No : 37.10
 Result File : /HP58904B/RESULT/B4509121.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 35.98 Mins. Injected on 1542 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 22 Bottle no. : 22

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.60		.041213	303950	BV	0.0000	
2	1.73		.044196	10697	VV	0.0000	
3	1.78		.035688	9156	VV	0.0000	
4	1.84		.055470	34233	VV	0.0000	
5	1.94		.036569	3663	VV	0.0000	
6	2.03		.040124	11395	PV	0.0000	
7	2.12		.052830	537009	VV	0.0000	
8	2.30		.059911	8738	VV	0.0000	
9	2.44		.050245	34676	VV	0.0000	
10	2.49		.050673	12994	VV	0.0000	
11	2.60		.048565	12346	VV	0.0000	
12	2.71		.070663	7917	VV	0.0000	
13	2.79		.058204	8809	VV	0.0000	
14	2.87		.047832	7598	VV	0.0000	
15	2.92		.046801	6862	VV	0.0000	
16	3.15		.053897	54400	VV	0.0000	
17	3.26		.072501	7964	VV	0.0000	
18	3.37		.056339	6455	PV	0.0000	
19	3.49		.090221	7331	VV	0.0000	
20	3.65		.092467	11632	VV	0.0000	
21	3.75		.067100	10626	VV	0.0000	
22	3.93		.085049	17614	VV	0.0000	
23	4.19		.175671	11928	VV	0.0000	
24	4.47		.079718	19775	VV	0.0000	
25	4.60		.066234	5840	VV	0.0000	
26	4.76		.056266	1604	PV	0.0000	
27	5.54		.053275	3640	BV	0.0000	
28	6.65		.153506	10858	PV	0.0000	
29	7.32		.144742	45648	PV	0.0000	
30	7.65		.128324	7258	VV	0.0000	
31	7.99		.077881	106638	VB	0.0000	
32	9.11		.080511	30587	BV	0.0000	
33	9.40		.090754	23218	PB	0.0000	
34	11.64	11.64	.075373	129485	BV	.8166	Tetrachloro-m-xylene
35	12.04		.108568	17658	PV	0.0000	
36	13.07		.153656	10372	VV	0.0000	
37	13.33		.089528	33964	VV	0.0000	
38	13.54		.110426	15069	VV	0.0000	
39	13.89		.089381	23215	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	14.19		.090350	19503	PV	0.0000	
41	15.77		.135369	30596	VV	0.0000	
42	16.10		.156316	49956	PV	0.0000	
43	16.25		.121620	10879	VB	0.0000	
44	16.65	16.75	.155670	19570	BV	.0980	
45	16.93	16.87	.146987	34955	VV	.1912	<u>Heptachlor</u> <u>delta-BHC</u>
46	17.33		.142058	18896	VV	0.0000	
47	17.55		.070140	6366	PV	0.0000	
48	17.72		.091182	131667	PV	0.0000	
49	17.89	17.85	.136022	66856	VV	.3533	<u>Aldrin</u>
50	18.05		.104008	20714	VV	0.0000	
51	18.40		.158530	18461	PV	0.0000	
52	18.54		.098206	5671	VV	0.0000	
53	18.69		.091284	46459	VV	0.0000	
54	18.82		.066329	15845	VV	0.0000	
55	18.89		.093955	25002	VV	0.0000	
56	19.16		.097603	58495	VV	0.0000	
57	19.26	19.22	.105440	30900	VV	.2091	<u>Isodrin</u>
58	19.46		.092285	98079	VV	0.0000	
59	19.65	19.61	.083315	155128	VV	.8379	<u>Heptachlor epoxide</u>
60	19.83		.079510	51014	VV	0.0000	
61	20.01		.084563	184777	PV	0.0000	
62	20.13		.089317	122102	VV	0.0000	
63	20.33		.111100	603977	VV	0.0000	
64	20.55		.107121	373858	VV	0.0000	
65	20.97		.093769	64889	VV	0.0000	
66	21.13		.089873	29154	VV	0.0000	
67	21.34	21.40	.121600	240047	VV	1.4649	<u>4,4'-DDE</u>
68	21.53		.086669	248113	VV	0.0000	
69	21.73	21.69	.077569	147912	VV	.8857	<u>Dieldrin</u>
70	21.87		.101828	761099	VV	0.0000	
71	22.16		.114625	158978	VV	0.0000	
72	22.35	22.41	.129076	1104136	VV	7.1656	<u>Chlorobenzilate</u>
73	22.61		.091915	125123	VV	0.0000	
74	22.82	22.74	.099426	634820	VV	4.6512	<u>Endrin</u>
75	23.07	23.07	.120356	69589	VV	.5344	<u>4,4'-DDD</u>
76	23.42		.095615	131680	VV	0.0000	
77	23.61		.148868	691091	VV	0.0000	
78	24.03		.120402	338794	VV	0.0000	
79	24.18	24.15	.100230	1000644	VV	7.0542	<u>4,4'-DDT</u>
80	24.39	24.36	.117782	85205	VV	.7313	<u>Endrin aldehyde</u>
81	24.64		.156423	135870	VV	0.0000	
82	24.75		.103115	71176	VV	0.0000	
83	24.89	24.98	.108980	44585	VV	.3092	<u>Endosulfan sulfate</u>
84	25.16		.146754	13323	VV	0.0000	
85	25.74		.099526	324345	PV	0.0000	
86	26.05		.105754	198425	VV	0.0000	
87	26.37		.163603	286064	VV	0.0000	
88	26.75		.095049	19466	VV	0.0000	
89	26.96		.131910	8037	PV	0.0000	
90	27.33		.119513	13343	VV	0.0000	
91	27.76		.097561	42993	BV	0.0000	
92	27.93		.108670	131591	VV	0.0000	
93	28.26		.102108	10483	VV	0.0000	
94	28.41		.129373	26691	VV	0.0000	

Wskler

0047

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	28.60		.099433	13672	VV	0.0000	
96	28.70		.092652	8618	VV	0.0000	
97	28.95		.072943	5626	PV	0.0000	
98	29.69		.082947	14954	BV	0.0000	
99	31.86	#31.88	.112894	183005	BV	1.5936	Decachlorobiphenyl
100	32.17		.098418	92780	VB	0.0000	
101	32.37		.087375	8885	BB	0.0000	
102	34.31		.149498	17049	VV	0.0000	

Total Area : 11324818 Total PPB : 26.896

Report Time : 1822 11May1998

Method : /DATA/LOOP/METHOD/B4509_121.MT

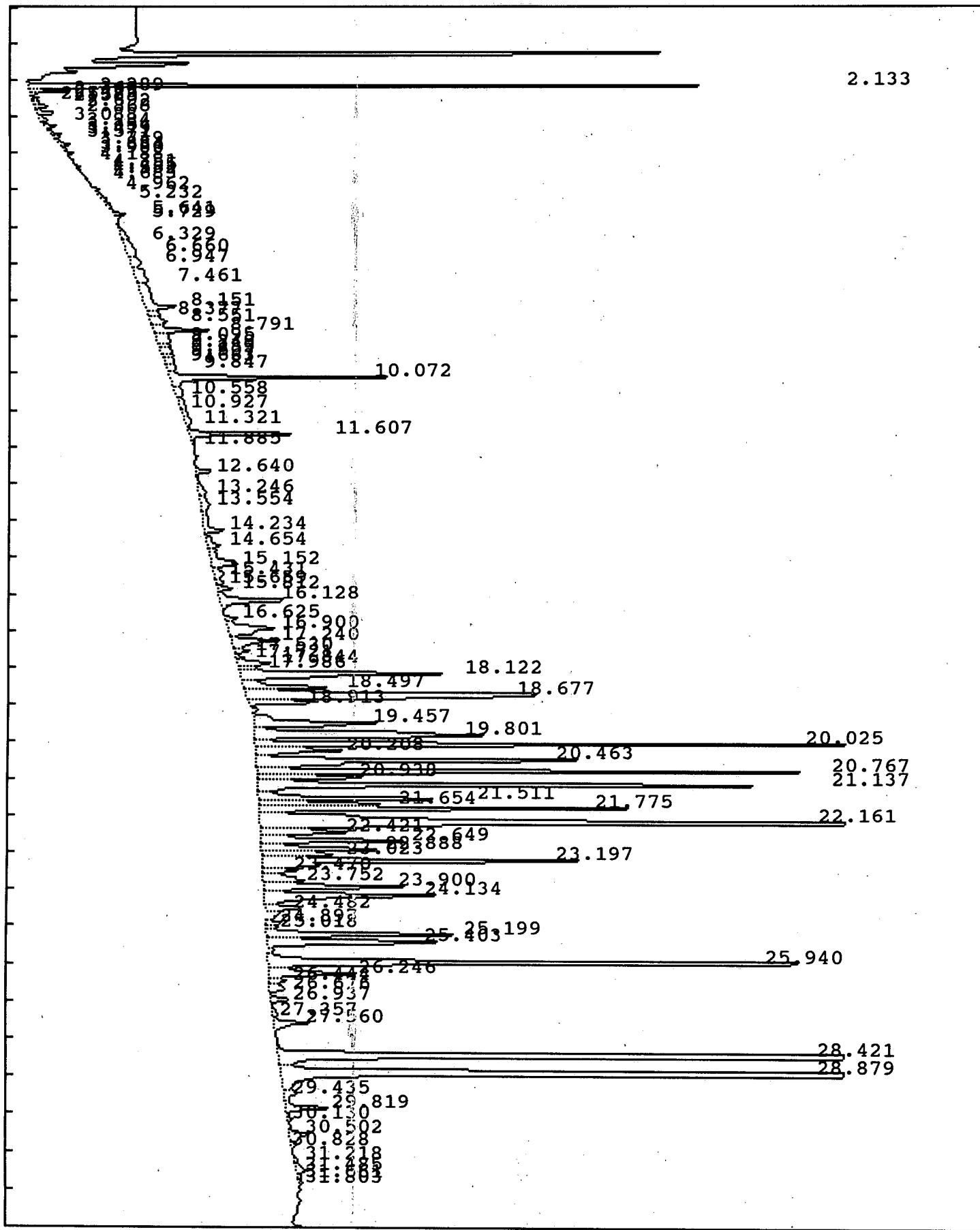
Result File : /HP58904B/RESULT/B4509121.RES

0049

IEA Pesticide Standard Report

Sample Name : 980920A-06 CDY-006 DF=2 A/S
Result File : /HP58904A/RESULT/A4524115.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0102 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 042998-B06QC PBLK50QC Report No :103.00
 Result File : /DATA/LOOP/RESULT/A4524209.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1602 08May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 3/ 10 Bottle no. : 10

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.040893	60076	VV	0.0000	
2	2.28		.033377	9603	VV	0.0000	
3	2.48		.048931	1488	PV	0.0000	
4	2.68		.043740	24293	VV	0.0000	
5	2.86		.048659	6477	VV	0.0000	
6	2.90		.041005	4290	VV	0.0000	
7	3.02		.063228	980	VV	0.0000	
8	3.09		.029573	456	PB	0.0000	
9	3.46		.124056	20874	VV	0.0000	
10	3.74		.178628	42637	VV	0.0000	
11	4.95		.660955	407446	VV	0.0000	
12	5.80		.724363	560985	VV	0.0000	
13	6.32		.486483	440109	VV	0.0000	
14	7.14		.754974	787871	VV	0.0000	
15	8.78		1.118616	2051169	VV	0.0000	
16	9.85		.180376	209337	BV	0.0000	
17	10.07	10.06	.093921	552400	VV	5.1219	Tetrachloro-m-xylene
18	10.28		.099296	31533	BV	0.0000	
19	10.74		.060908	9963	BV	0.0000	
20	10.88		.074731	50743	VV	0.0000	
21	11.04		.084569	29234	VV	0.0000	
22	11.31		.085803	14251	VV	0.0000	
23	11.48		.086568	69621	VV	0.0000	
24	11.63		.085034	6336	BV	0.0000	
25	12.02		.075119	79562	BV	0.0000	
26	12.24		.081139	363713	BV	0.0000	
27	12.93		.072312	53708	BB	0.0000	
28	13.54		.076238	634016	BV	0.0000	
29	13.79		.085827	26574	VV	0.0000	
30	13.91		.071467	44503	VV	0.0000	
31	14.04		.080372	69265	VV	0.0000	
32	14.19		.072152	187489	VV	0.0000	
33	14.34		.077662	282926	VV	0.0000	
34	14.78		.085379	201093	VV	0.0000	
35	15.06		.085555	1260492	VV	0.0000	
36	15.47		.104417	636121	VV	0.0000	
37	15.80		.078780	440523	VV	0.0000	
38	16.17	16.22	.162655	966621	BV	9.3168	Aldrin
39	16.90		.099127	642090	BV	0.0000	

15/12/98

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	17.19		.088025	470459	VV	0.0000	
41	17.35		.086570	174341	VV	0.0000	
42	17.49	17.48	.092620	41301	VV	.4793	<u>Endrin</u>
43	17.69		.080760	151181	VV	0.0000	
44	17.82	17.83	.082086	294118	VV	3.0688	<u>delta-BHC</u>
45	18.12		.130913	1400171	VV	0.0000	
46	18.49		.089787	119123	VV	0.0000	
47	18.67		.085947	598158	VV	0.0000	
48	18.88		.132219	618729	VV	0.0000	
49	19.27	19.35	.094471	26475	VV	.2425	<u>gamma-Chlordane</u>
50	19.44	19.51	.090018	112111	VV	1.0609	<u>alpha-Chlordane</u>
51	19.71		.069982	163272	VV	0.0000	
52	19.80	19.80	.080050	281134	VV	2.9743	<u>4,4'-DDE</u>
53	20.01		.074752	823150	VV	0.0000	
54	20.13		.054302	106809	VV	0.0000	
55	20.20		.083649	235611	VV	0.0000	
56	20.45		.081128	1136500	VV	0.0000	
57	20.76		.105364	291804	VV	0.0000	
58	20.93	20.91	.079366	224198	VV	2.9371	<u>Endrin</u>
59	21.13		.077703	1209909	VV	0.0000	
60	21.42		.066712	264330	VV	0.0000	
61	21.50		.077559	433795	VV	0.0000	
62	21.64	21.68	.076232	594182	VV	15.3306	<u>Chlorobenzilate</u>
63	21.76		.081576	119433	VV	0.0000	
64	21.97		.071369	185820	VV	0.0000	
65	22.15	22.16	.104454	1520411	VV	20.6476	<u>4,4'-DDD</u>
66	22.24		.072224	714680	VV	0.0000	
67	22.38	22.34	.087218	475164	VV	5.5609	<u>Endosulfan II</u>
68	22.82		.120556	193244	VV	0.0000	
69	23.00		.086660	55985	VV	0.0000	
70	23.16		.082387	841318	VV	0.0000	
71	23.32		.082656	412821	VV	0.0000	
72	23.46		.086596	209484	VV	0.0000	
73	23.68	23.63	.104547	32004	VV	.7002	<u>Endrin aldehyde</u>
74	23.87		.098162	218054	VV	0.0000	
75	24.11		.096307	1686976	VV	0.0000	
76	24.60	24.68	.132232	16948	VB	.4963	<u>Methoxychlor</u>
77	25.00		.094338	19076	BV	0.0000	
78	25.18		.091254	314229	VV	0.0000	
79	25.41		.123950	1198311	VV	0.0000	
80	25.93		.094292	25351	VB	0.0000	
81	26.23	26.22	.085161	9164	BV	.1243	<u>Endrin ketone</u>
82	26.68		.098456	155883	PV	0.0000	<i>MS12/98</i>
83	26.92		.095287	29475	VB	0.0000	
84	27.55		.093475	355291	BB	0.0000	
85	28.41		.087481	98855	BV	0.0000	
86	28.87	#28.88	.090088	299353	VV	3.0266	<u>Decachlorobiphenyl</u>
87	31.49		.225343	11291	BV	0.0000	

Total Area : 30250360 Total PPB : 71.088

Report Time : 1639 08May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524209.RES

IEA Pesticide Standard Report

0052

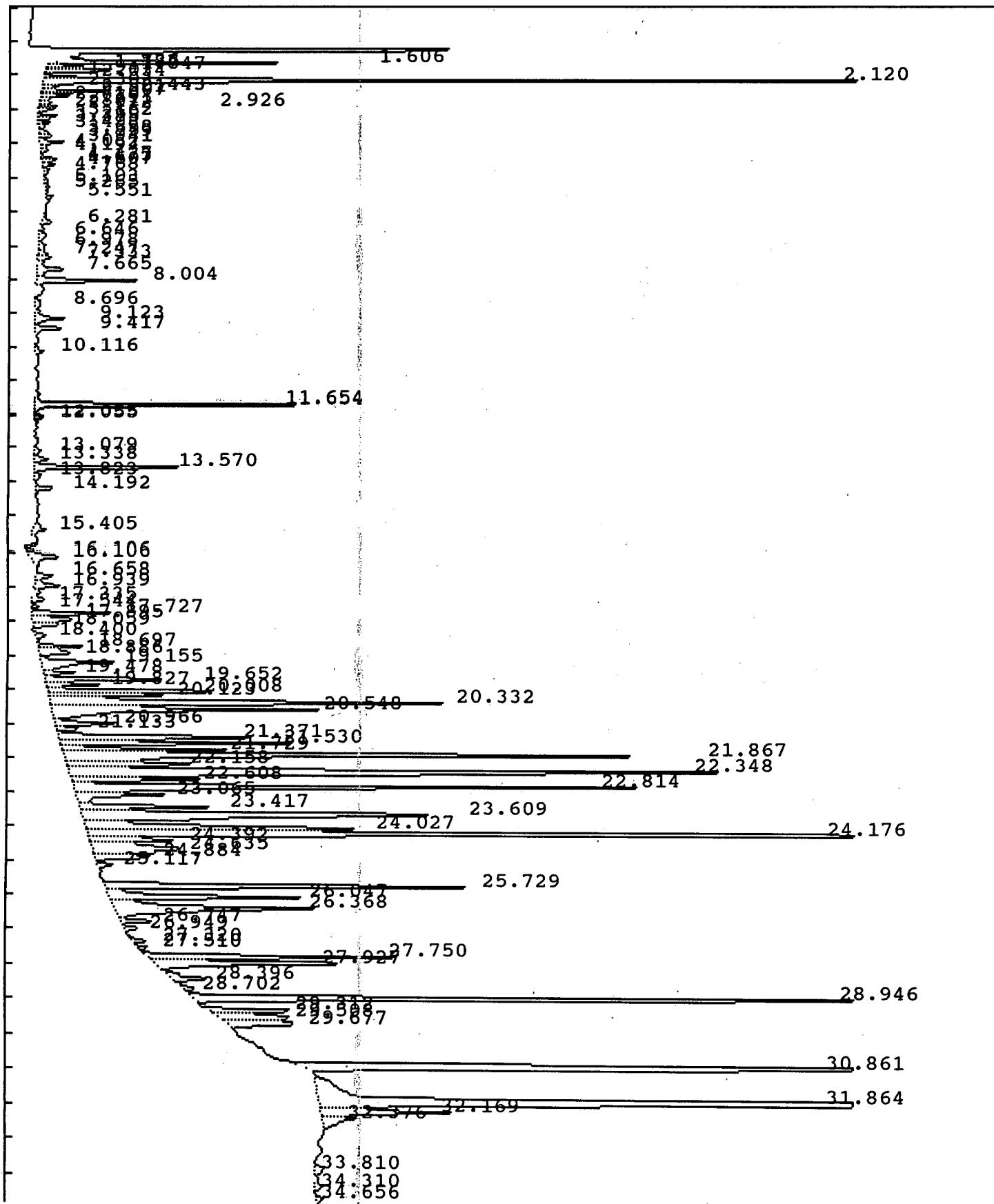
Sample Name : 980920A-06 CDY-006 DF=2 Inj on 1629 05May1998

Result File : /HP58904B/RESULT/B4509122.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-06 CDY-006 DF=2 A/S Report No : 38.10
 Result File : /HP58904B/RESULT/B4509122.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1629 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 23 Bottle no. : 23

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.61		.045694	205926	BV	0.0000	
2	1.74		.048462	32758	PV	0.0000	
3	1.79		.036052	21607	VV	0.0000	
4	1.85		.056254	82338	VV	0.0000	
5	1.95		.036414	6104	VV	0.0000	
6	2.03		.040824	25526	PV	0.0000	
7	2.12		.054241	899570	VV	0.0000	
8	2.30		.059051	18678	VV	0.0000	
9	2.44		.050435	60013	VV	0.0000	
10	2.50		.052942	27238	VV	0.0000	
11	2.61		.048367	26081	VV	0.0000	
12	2.72		.065261	12459	VV	0.0000	
13	2.79		.057894	12441	VV	0.0000	
14	2.88		.047503	14513	VV	0.0000	
15	2.93		.045477	12073	VV	0.0000	
16	2.97		.059222	13898	VV	0.0000	
17	3.16		.075227	23348	PV	0.0000	
18	3.26		.068682	11587	VV	0.0000	
19	3.37		.049180	10970	VV	0.0000	
20	3.50		.075529	8421	VV	0.0000	
21	3.66		.078082	15334	VV	0.0000	
22	3.76		.059897	15524	VV	0.0000	
23	3.94		.078642	32565	VV	0.0000	
24	4.08		.072094	6921	VV	0.0000	
25	4.20		.099178	12017	VV	0.0000	
26	4.43		.066360	14204	PV	0.0000	
27	4.47		.072958	14544	VV	0.0000	
28	4.61		.075677	14892	VV	0.0000	
29	4.77		.092277	9930	VV	0.0000	
30	5.10		.144825	8157	PV	0.0000	
31	5.27		.148993	10346	VB	0.0000	
32	5.55		.060365	7990	BV	0.0000	
33	6.28		.118569	19276	VV	0.0000	
34	6.65		.195773	19361	PV	0.0000	
35	6.98		.193301	18293	VV	0.0000	
36	7.25		.111256	16674	VV	0.0000	
37	7.33		.096556	19482	VV	0.0000	
38	7.67		.129281	61059	VV	0.0000	
39	8.00		.085428	133441	VV	0.0000	

IEA Pesticide Standard Report

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Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	8.70		.232018	17376	PV	0.0000	
41	9.12		.113533	54816	VV	0.0000	
42	9.42		.104826	47295	VV	0.0000	
43	10.12		.116254	16943	VV	0.0000	
44	11.65	11.64	.076096	316249	VV	1.9945	Tetrachloro-m-xylene
45	12.06		.118202	15310	PV	0.0000	
46	13.08		.141660	13060	VV	0.0000	
47	13.34		.107918	22198	VV	0.0000	
48	13.57		.077329	199815	VV	0.0000	
49	13.82		.153859	14153	VV	0.0000	
50	14.19		.104646	32386	PV	0.0000	
51	15.40	15.41	.164230	30562	BV	.1555	gamma-BHC (Lindane)
52	16.11		.172588	78557	PB	0.0000	
53	16.66	16.75	.121408	30895	BV	.1547	Heptachlor
54	16.94	16.87	.131092	49758	VV	.2721	delta-BHC
55	17.33		.128010	23336	VV	0.0000	
56	17.54		.067989	9055	PV	0.0000	
57	17.73		.088816	112337	PV	0.0000	
58	17.89	17.85	.140631	83185	VV	.4396	Aldrin
59	18.06		.097298	37240	VB	0.0000	
60	18.40		.133717	21430	BV	0.0000	
61	18.70		.088013	59907	VV	0.0000	
62	18.89		.136055	68410	VV	0.0000	
63	19.16	19.22	.135540	149286	VV	1.0102	Isodrin
64	19.48		.081297	41210	VV	0.0000	
65	19.65	19.61	.085415	172668	VV	.9326	Heptachlor epoxide
66	19.83		.080906	67027	VV	0.0000	
67	20.01		.088618	248108	VV	0.0000	
68	20.12		.090368	158632	VV	0.0000	
69	20.33		.122507	711774	VV	0.0000	
70	20.55		.119888	487318	VV	0.0000	
71	20.97		.096350	90157	VV	0.0000	
72	21.13		.091873	34734	VV	0.0000	
73	21.37	21.40	.121401	325364	PV	1.9855	4,4'-DDE
74	21.53		.087188	310751	VV	0.0000	
75	21.73	21.69	.078065	196989	VV	1.1796	Dieldrin
76	21.87		.106346	996292	VV	0.0000	
77	22.16		.119443	226727	VV	0.0000	
78	22.35	22.41	.140411	1372688	VV	8.9084	Chlorobenzilate
79	22.61		.093305	181801	VV	0.0000	
80	22.81	22.74	.100231	871945	VV	6.3885	Endrin
81	23.07	23.07	.120966	159874	VV	1.2278	4,4'-DDD
82	23.42		.093441	187333	VV	0.0000	
83	23.61		.162450	891944	VV	0.0000	
84	24.03		.117787	487510	VV	0.0000	
85	24.18	24.15	.104407	1485997	VV	10.4757	4,4'-DDT
86	24.39	24.36	.112226	137520	VV	1.1802	Endrin aldehyde
87	24.63		.229505	306421	VV	0.0000	
88	24.88	24.98	.104034	91084	VV	.6317	Endosulfan sulfate
89	25.12		.111006	254449	VV	0.0000	
90	25.73		.106644	573273	BV	0.0000	
91	26.05		.118774	332000	VV	0.0000	
92	26.37		.161311	481786	VV	0.0000	
93	26.75		.091852	48810	VV	0.0000	
94	26.95		.105693	24017	PB	0.0000	

DPS1218

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	27.32		.088202	19859	BV	0.0000	
96	27.51		.082532	14621	PV	0.0000	
97	27.75		.096179	356490	PV	0.0000	
98	27.93		.118088	371388	VV	0.0000	
99	28.40		.156556	85494	VV	0.0000	
100	28.70		.138687	26610	VV	0.0000	
101	28.95		.094457	1116366	VB	0.0000	
102	29.31		.096682	135118	BV	0.0000	
103	29.51		.192484	191609	VV	0.0000	
104	29.68		.117057	125914	VV	0.0000	
105	30.86		.090915	3036976	BB	0.0000	
106	31.86	#31.88	.105152	4067016	BV	35.4157	Decachlorobiphenyl
107	32.17		.123965	235926	VV	0.0000	
108	32.38		.186557	89596	VB	0.0000	
109	33.81		.228983	23473	PV	0.0000	
110	34.31		.155799	16948	VV	0.0000	
111	34.66		.160717	14585	PV	0.0000	

Total Area : 25134308 Total PPB : 72.352

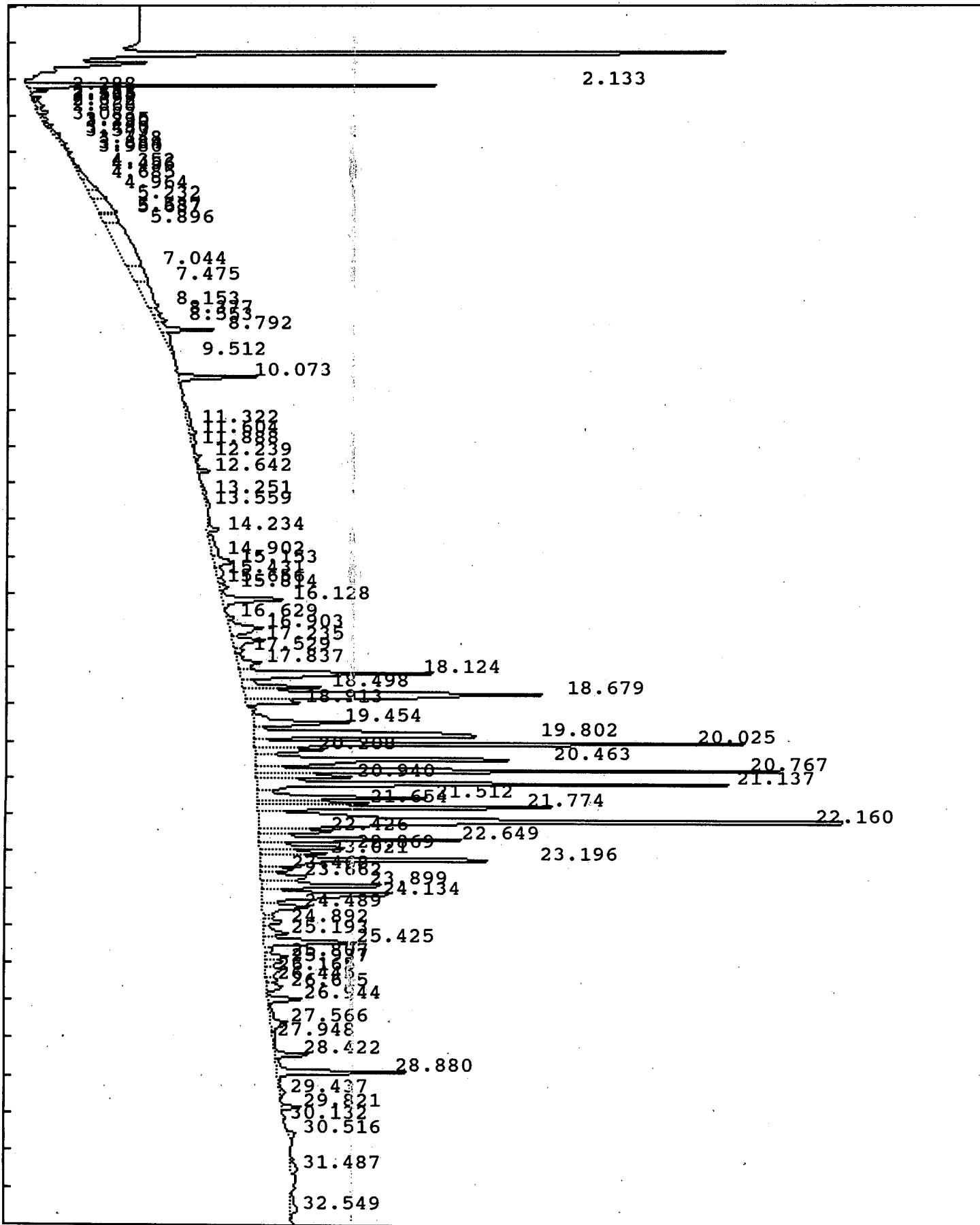
Report Time : 1827 11May1998
 Method : /DATA/LOOP/METHOD/B4509_122.MT
 Result File : /HP58904B/RESULT/B4509122.RES

0057

IEA Pesticide Standard Report

Sample Name : 980920A-07 CDY-007 DF=5 A/S
Result File : /HP58904A/RESULT/A4524116.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0149 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-07 CDY-007 DF=5 A/S Report No : 10.10
 Result File : /HP58904A/RESULT/A4524116.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0149 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 17 Bottle no. : 17

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.041950	277437	VV	0.0000	
2	2.29		.040313	12405	VV	0.0000	
3	2.48		.046882	6379	PV	0.0000	
4	2.53		.037218	2652	VV	0.0000	
5	2.59		.067643	4503	VV	0.0000	
6	2.69		.058238	8681	VV	0.0000	
7	2.87		.095859	13406	VV	0.0000	
8	3.08		.121370	9078	VV	0.0000	
9	3.23		.079866	8993	PV	0.0000	
10	3.29		.041140	2638	VV	0.0000	
11	3.48		.114299	12200	VV	0.0000	
12	3.57		.072875	4121	VV	0.0000	
13	3.75		.105619	9496	VV	0.0000	
14	3.88		.080114	3928	VV	0.0000	
15	3.98		.047247	2760	VB	0.0000	
16	4.35		.077691	5262	VV	0.0000	
17	4.46		.069996	4233	VV	0.0000	
18	4.69		.163691	13208	VV	0.0000	
19	4.96		.196281	26547	VV	0.0000	
20	5.23		.219111	37258	VV	0.0000	
21	5.59		.284324	60042	VV	0.0000	
22	5.64		.071514	14139	VV	0.0000	
23	5.90		.243964	40745	VV	0.0000	
24	7.04		1.210120	205832	VV	0.0000	
25	7.47		.450681	68822	VV	0.0000	
26	8.15		.603164	86216	VV	0.0000	
27	8.38		.160564	17581	VV	0.0000	
28	8.55		.146042	19085	VV	0.0000	
29	8.79		.091802	60081	VV	0.0000	
30	9.51		1.373382	28028	VV	0.0000	
31	10.07	10.06	.077805	77701	BB	.7205	Tetrachloro-m-xylene
32	11.32		.470672	22715	PV	0.0000	
33	11.60		.138937	13140	VV	0.0000	
34	11.89		.203055	11137	VV	0.0000	
35	12.24		.123423	11162	VV	0.0000	
36	12.64		.094349	14166	VV	0.0000	
37	13.25		.222433	7986	PV	0.0000	
38	13.56		.208361	9253	VB	0.0000	
39	14.23		.151736	22545	BV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	14.90		.434512	35629	PV	0.0000	
41	15.15		.193476	39272	VV	0.0000	
42	15.43		.219811	18525	VV	0.0000	
43	15.66		.119139	8650	VV	0.0000	
44	15.81		.099626	10995	VV	0.0000	
45	16.13		.123576	92295	VV	0.0000	
46	16.63		.107587	8559	BV	0.0000	
47	16.90		.193853	73826	VV	0.0000	
48	17.23		.154800	57249	VV	0.0000	
49	17.53	17.48	.091543	11052	VV	.1283	Iodrin
50	17.84	17.83	.188898	51413	VV	.5364	delta-BHC
51	18.12		.111892	246276	VV	0.0000	
52	18.50		.098699	90726	VV	0.0000	
53	18.68		.133729	488500	VV	0.0000	
54	18.91		.088302	58904	BV	0.0000	
55	19.45	19.51	.127032	142951	BV	1.3528	alpha-Chlordane
56	19.80	19.80	.123586	391312	VV	4.1399	4,4'-DDE
57	20.03		.077151	483074	VV	0.0000	
58	20.21		.123045	97318	VV	0.0000	
59	20.46		.112584	379099	VV	0.0000	
60	20.77		.083811	509156	VV	0.0000	
61	20.94	20.91	.089542	105283	VV	1.3792	Endrin
62	21.14		.086011	491535	VV	0.0000	
63	21.51		.093016	188270	VV	0.0000	
64	21.65	21.68	.081460	106404	VV	2.7453	Chlorobenzilate
65	21.77		.080891	326941	VV	0.0000	
66	22.16	22.16	.119118	1082044	VV	14.6945	4,4'-DDD
67	22.43		.126622	103739	VV	0.0000	
68	22.65	22.65	.093810	224827	VV	3.5231	4,4'-DDT
69	22.87		.099836	108187	VV	0.0000	
70	23.02		.108923	82937	VV	0.0000	
71	23.20		.104637	318475	VV	0.0000	
72	23.47		.100703	39456	VV	0.0000	
73	23.66	23.63	.172733	92146	VV	2.0159	Endrin-aldehyde
74	23.90		.112749	172366	VV	0.0000	
75	24.13		.155047	242464	VV	0.0000	
76	24.49		.162769	83043	VV	0.0000	
77	24.89		.105167	25111	VV	0.0000	
78	25.19		.142566	38211	VV	0.0000	
79	25.43		.128114	131868	VV	0.0000	
80	25.81		.113823	29254	VV	0.0000	
81	25.94		.133994	26239	VV	0.0000	
82	26.16	26.22	.206711	34080	VV	.4624	Endrin-ketone
83	26.44		.119518	16271	VV	0.0000	
84	26.61		.163436	28685	BV	0.0000	
85	26.94		.115123	44776	BV	0.0000	
86	27.57		.251987	48187	VV	0.0000	
87	27.95		.179110	7615	VV	0.0000	
88	28.42		.105884	45963	VV	0.0000	
89	28.88	#28.88	.099307	147820	VV	1.4945	Decachlorobiphenyl
90	29.44		.189421	11054	VV	0.0000	
91	29.82		.098334	21436	PV	0.0000	
92	30.13		.082890	1634	PB	0.0000	
93	30.52		.169965	15692	BB	0.0000	
94	31.49		.266669	22414	BV	0.0000	

3/12/91

0060

IEA Pesticide Standard Report

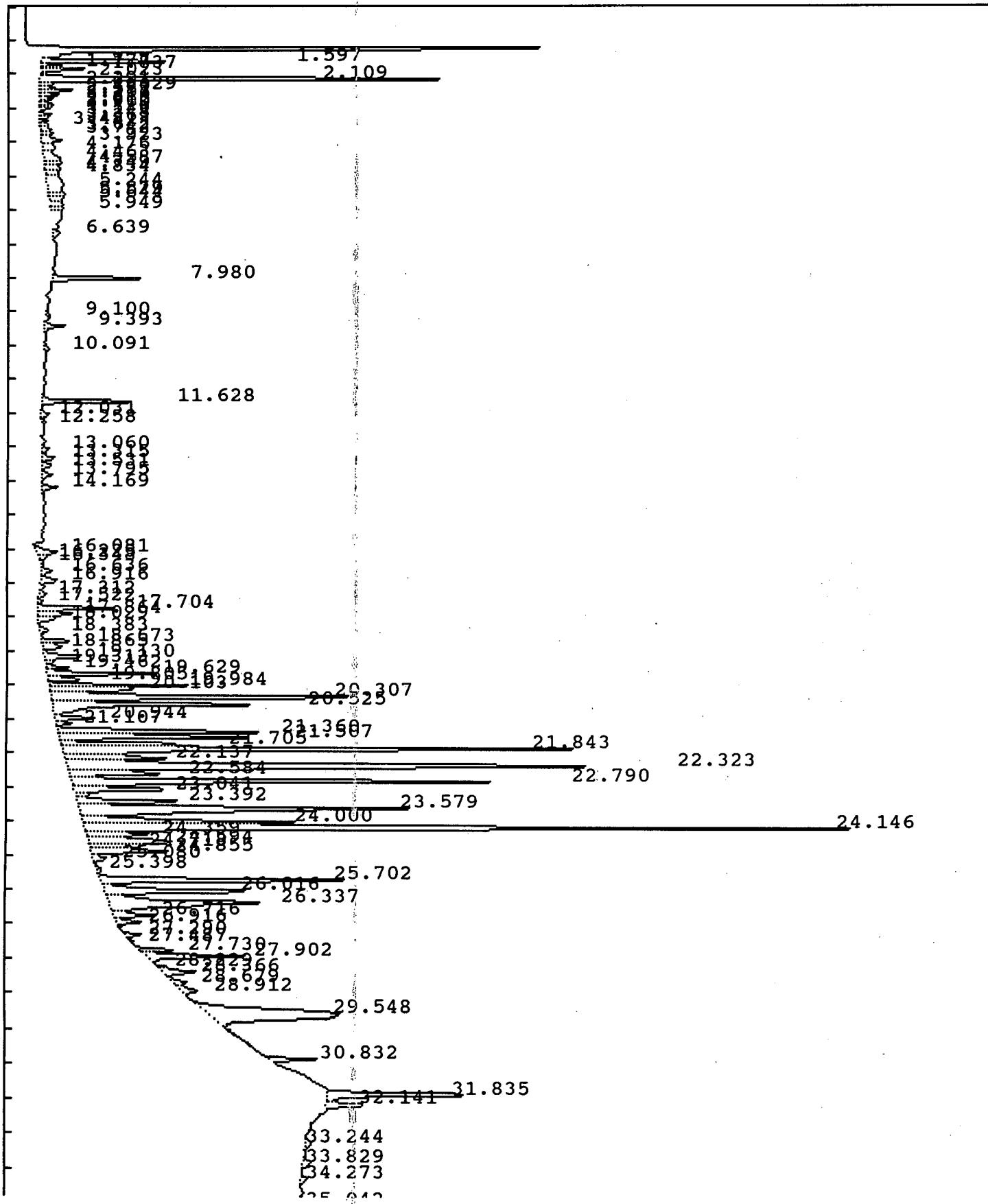
Sample Name : 980920A-07 CDY-007 DF=5 Inj on 1735 05May1998

Result File : /HP58904B/RESULT/B4509123.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-07 CDY-007 DF=5 A/S Report No : 39.10
 Result File : /HP58904B/RESULT/B4509123.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1735 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 24 Bottle no. : 24

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.60		.045906	153183	BV	0.0000	
2	1.73		.048302	17886	PV	0.0000	
3	1.78		.036155	12657	VV	0.0000	
4	1.84		.058899	49142	VV	0.0000	
5	2.02		.044416	17502	VV	0.0000	
6	2.11		.053439	544107	VV	0.0000	
7	2.29		.071853	16025	VV	0.0000	
8	2.43		.054216	34064	VV	0.0000	
9	2.49		.056352	18453	VV	0.0000	
10	2.59		.054030	18298	VV	0.0000	
11	2.71		.072181	16557	VV	0.0000	
12	2.87		.052241	10923	VV	0.0000	
13	2.91		.045385	8837	VV	0.0000	
14	2.96		.068275	12531	VV	0.0000	
15	3.15		.079101	15182	VV	0.0000	
16	3.25		.073916	11061	VV	0.0000	
17	3.36		.058422	9194	PV	0.0000	
18	3.48		.098011	13233	VV	0.0000	
19	3.64		.108965	21583	VV	0.0000	
20	3.74		.081795	17422	VV	0.0000	
21	3.92		.121060	39598	VV	0.0000	
22	4.18		.191876	36895	VV	0.0000	
23	4.46		.201136	51508	VV	0.0000	
24	4.59		.107019	28767	VV	0.0000	
25	4.75		.125108	28435	VV	0.0000	
26	4.83		.126831	26136	VV	0.0000	
27	5.24		.455660	106936	VV	0.0000	
28	5.53		.120672	31746	VV	0.0000	
29	5.64		.109746	23344	VV	0.0000	
30	5.95		.102352	20741	VV	0.0000	
31	6.64		.189810	19504	VV	0.0000	
32	7.98		.077901	121978	VV	0.0000	
33	9.10		.077515	6669	VV	0.0000	
34	9.39		.102561	31611	PV	0.0000	
35	10.09		.098442	8004	PV	0.0000	
36	11.63	11.64	.073781	123316	VV	.7777	Tetrachloro-m-xylene
37	12.03		.112475	14907	VV	0.0000	
38	12.26		.110427	7715	VV	0.0000	
39	13.06		.142394	17449	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	13.31		.104217	24095	VV	0.0000	
41	13.53		.123268	19986	VV	0.0000	
42	13.79		.118612	19969	VV	0.0000	
43	14.17	14.07	.104810	24917	PB	.1257	alpha-BHC
44	16.08		.158993	51186	PV	0.0000	
45	16.23		.108394	13625	VV	0.0000	
46	16.35		.111390	5537	VB	0.0000	
47	16.64		.119544	19573	BV	0.0000	
48	16.92	16.87	.136522	34754	VV	.1901	delta-BHC
49	17.31		.134692	13595	VV	0.0000	
50	17.52		.068743	5960	VV	0.0000	
51	17.70		.088649	109144	PV	0.0000	
52	17.86	17.85	.122549	62635	VV	.3310	Aldrin
53	18.03		.101214	25545	VV	0.0000	
54	18.38		.160530	18972	PV	0.0000	
55	18.67		.087754	42830	VV	0.0000	
56	18.86		.132442	39737	VV	0.0000	
57	19.13		.117416	76745	VV	0.0000	
58	19.31		.070761	7705	VV	0.0000	
59	19.46		.078681	27868	VV	0.0000	
60	19.63	19.61	.082393	147379	VV	.7960	Heptachlor epoxide
61	19.81		.078239	47002	VV	0.0000	
62	19.98		.084231	178796	VV	0.0000	
63	20.10		.090963	126688	VV	0.0000	
64	20.31	20.22	.107912	539508	VV	2.7848	gamma-Chlordane
65	20.52		.111872	388052	VV	0.0000	
66	20.94		.098502	62357	VV	0.0000	
67	21.11		.087932	22024	VV	0.0000	
68	21.36	21.40	.107157	335759	PV	2.0489	4,4'-DDE
69	21.51		.085371	272604	VV	0.0000	
70	21.70	21.69	.077493	166015	VV	.9941	Dieldrin
71	21.84		.102785	844926	VV	0.0000	
72	22.14		.121861	182210	VV	0.0000	
73	22.32		.133719	1171957	VV	0.0000	
74	22.58		.091542	138459	VV	0.0000	
75	22.79	22.74	.097966	700132	VV	5.1297	Endrin
76	23.04	23.07	.097204	157528	VV	1.2098	4,4'-DDD
77	23.39	23.31	.095290	160907	VV	1.1545	Endosulfan-II
78	23.58		.152300	744341	VV	0.0000	
79	24.00		.116291	370986	VV	0.0000	
80	24.15	24.15	.105439	1294067	VV	9.1227	4,4'-DDT
81	24.36	24.36	.113291	103348	VV	.8870	Endrin aldehyde
82	24.59		.186403	216036	VV	0.0000	
83	24.72		.086924	64438	VV	0.0000	
84	24.85		.110817	127478	VV	0.0000	
85	25.08	24.98	.122894	25555	VV	.1772	Endosulfan sulfate
86	25.40		.150184	11028	PV	0.0000	
87	25.70		.101457	381645	PV	0.0000	
88	26.02		.124272	281078	VV	0.0000	
89	26.34		.181405	428125	VV	0.0000	
90	26.72		.104817	66683	VV	0.0000	
91	26.92		.106211	39149	VV	0.0000	
92	27.29		.112555	28436	PB	0.0000	
93	27.49		.078609	3748	BV	0.0000	
94	27.73	27.63	.094494	51509	VV	.3581	Endrin ketone

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	27.90		.106983	162487	VV	0.0000	
96	28.23		.079359	14441	VV	0.0000	
97	28.37		.125055	63514	VV	0.0000	
98	28.68		.144990	32495	VV	0.0000	
99	28.91		.165279	46589	VB	0.0000	
100	29.55		.333193	621575	BB	0.0000	
101	30.83		.104788	75157	BB	0.0000	
102	31.84	#31.88	.104774	247409	BV	2.1544	Decachlorobiphenyl
103	32.14		.113625	69423	VB	0.0000	
104	33.24		.247594	17996	BV	0.0000	
105	33.83		.207403	20649	VV	0.0000	
106	34.27		.177391	13807	VV	0.0000	
107	35.04		.311745	29237	VB	0.0000	
108	35.89		.108614	12601	PB	0.0000	

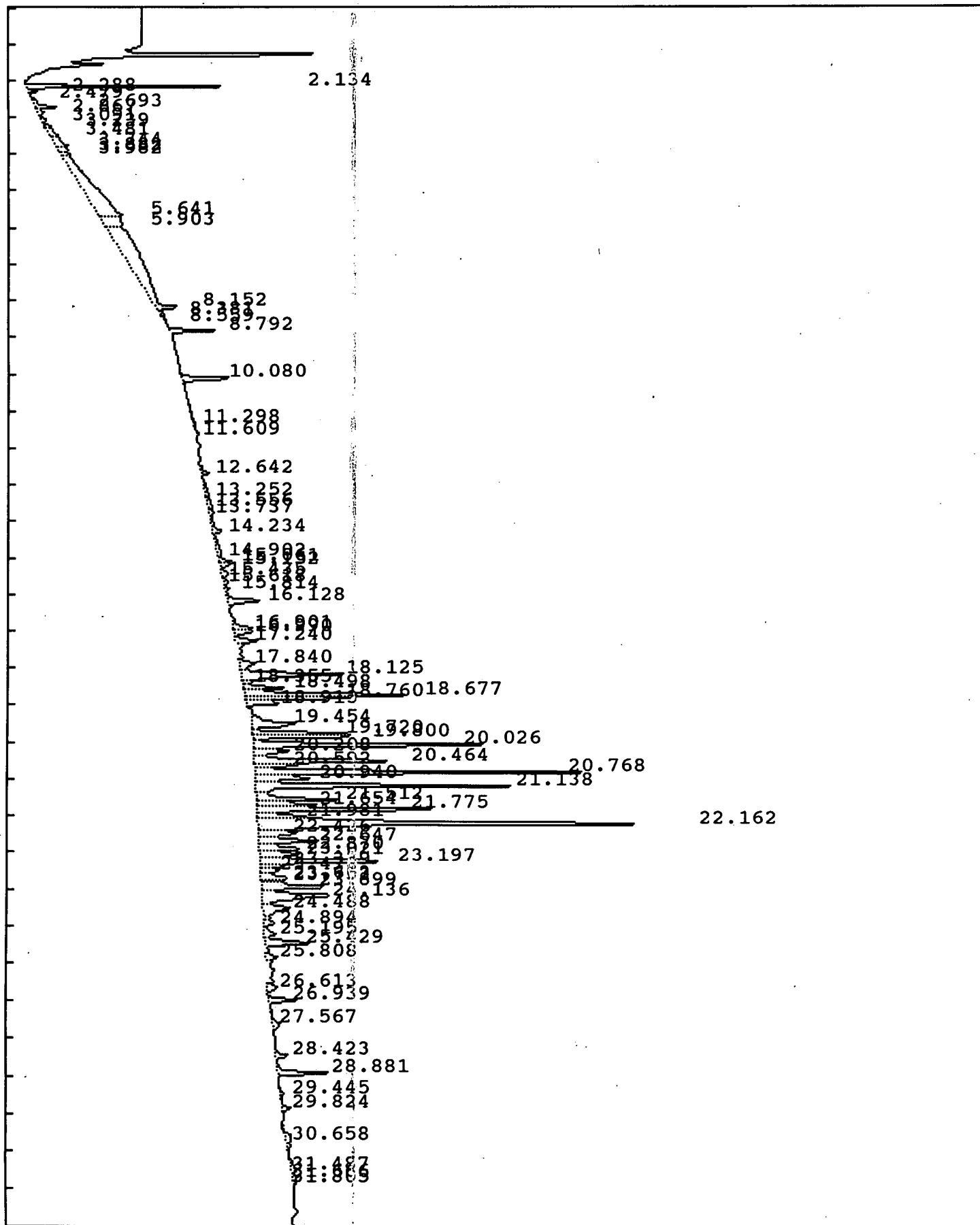
Total Area : 13714812 Total PPB : 28.242

Report Time : 1834 11May1998
 Method : /DATA/LOOP/METHOD/B4509_123.MT
 Result File : /HP58904B/RESULT/B4509123.RES

IEA Pesticide Standard Report

Sample Name : 980920A-08 CDY-008 DF=10 A/S
Result File : /HP58904A/RESULT/A4524117.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0235 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



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IEA Pesticide Standard Report

Sample Name : 980920A-08 CDY-008 DF=10 A/S Report No : 11.10
 Result File : /HP58904A/RESULT/A4524117.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0235 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 18 Bottle no. : 18

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.040901	126747	PV	0.0000	
2	2.29		.036202	5507	VV	0.0000	
3	2.48		.064818	2719	VV	0.0000	
4	2.69		.064029	25606	VV	0.0000	
5	2.87		.108400	10045	VV	0.0000	
6	3.09		.120072	8501	PV	0.0000	
7	3.24		.087398	7894	PV	0.0000	
8	3.48		.186554	19186	VV	0.0000	
9	3.74		.197310	32274	VV	0.0000	
10	3.88		.101211	11319	VV	0.0000	
11	3.98		.087213	8974	VV	0.0000	
12	5.64		.951267	262956	VV	0.0000	
13	5.90		.278668	54913	VV	0.0000	
14	8.15		1.095371	338654	VV	0.0000	
15	8.38		.153585	6659	VV	0.0000	
16	8.56		.132313	4034	VV	0.0000	
17	8.79		.067482	37284	VV	0.0000	
18	10.08	10.06	.089487	54703	BB	.5072	Tetrachloro-m-xylene
19	11.30		.258990	6716	BV	0.0000	
20	11.61		.105461	4061	VB	0.0000	
21	12.64		.082964	8233	VV	0.0000	
22	13.25		.257879	11722	VV	0.0000	
23	13.56		.245234	12440	VV	0.0000	
24	13.74		.171864	8213	VV	0.0000	
25	14.23		.174904	18775	VV	0.0000	
26	14.90		.419367	18444	PV	0.0000	
27	15.06		.093520	12694	VV	0.0000	
28	15.15		.095226	11495	VV	0.0000	
29	15.44		.178687	10826	VV	0.0000	
30	15.62		.134140	6734	VV	0.0000	
31	15.81		.093206	4496	VV	0.0000	
32	16.13		.120596	46739	VV	0.0000	
33	16.90		.119140	25278	VV	0.0000	
34	16.99		.101743	20884	VV	0.0000	
35	17.24		.111684	27896	VV	0.0000	
36	17.84	17.83	.165151	29287	VV	.3056	delta-BHC
37	18.13		.112798	132344	VV	0.0000	
38	18.36	18.35	.078888	7788	VV	.0759	Heptachlor-epoxide
39	18.50		.085321	40545	VV	0.0000	

M/S/12/98

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	18.68		.085671	169384	VV	0.0000	
41	18.76		.073315	90849	VV	0.0000	
42	18.91		.092220	35705	VB	0.0000	
43	19.45	19.51	.153444	78555	BV	.7434	<u>alpha-Chlordane</u>
44	19.72		.071358	78242	VV	0.0000	
45	19.80	19.80	.078543	101113	VV	1.0697	<u>4,4'-DDE</u>
46	20.03		.079602	232996	VV	0.0000	
47	20.21		.128865	51523	VV	0.0000	
48	20.46		.093254	159457	VV	0.0000	
49	20.59		.079621	40385	VV	0.0000	
50	20.77		.083129	317331	VV	0.0000	
51	20.94	20.91	.095645	62954	VV	.8247	<u>Endrin</u>
52	21.14		.086802	268372	VV	0.0000	
53	21.51		.098198	94737	VV	0.0000	
54	21.65	21.68	.079774	56494	VV	1.4576	<u>Chlorobenzilate</u>
55	21.77		.083086	200150	VV	0.0000	
56	21.98		.081065	45241	VV	0.0000	
57	22.16	22.16	.110596	544383	VV	7.3929	<u>4,4'-DDD</u>
58	22.43		.138830	59676	VV	0.0000	
59	22.65	22.65	.121589	83015	VV	1.3009	<u>4,4'-DDT</u>
60	22.87		.111182	54621	VV	0.0000	
61	23.02		.116025	51315	VV	0.0000	
62	23.20		.090999	142511	VV	0.0000	
63	23.33		.090584	26856	VV	0.0000	
64	23.47		.105165	22683	VV	0.0000	
65	23.66	23.63	.116219	34596	VV	.7569	<u>Endrin aldehyde</u>
66	23.75		.081285	21609	VV	0.0000	
67	23.90		.114093	89723	VV	0.0000	
68	24.14		.160490	131140	VV	0.0000	
69	24.49		.182574	54826	VV	0.0000	
70	24.89		.111614	13913	VV	0.0000	
71	25.20		.149927	19113	VV	0.0000	
72	25.43		.125475	61316	VV	0.0000	
73	25.81		.120661	15550	VV	0.0000	
74	26.61		.154440	18378	BV	0.0000	
75	26.94		.098930	30968	BB	0.0000	
76	27.57		.206827	17348	BV	0.0000	
77	28.42		.104821	14681	BV	0.0000	
78	28.88	#28.88	.092695	53034	VV	.5362	<u>Decachlorobiphenyl</u>
79	29.45		.185877	6636	PV	0.0000	
80	29.82		.121996	10745	BV	0.0000	
81	30.66		.383280	19579	BV	0.0000	
82	31.49		.278145	14281	VV	0.0000	
83	31.67		.113526	5931	VV	0.0000	
84	31.81		.124997	3162	VV	0.0000	

Total Area : 5188669 Total PPB : 14.971

Report Time : 1654 08May1998
 Method : /DATA/LOOP/METHOD/A4524_116.MT
 Result File : /HP58904A/RESULT/A4524117.RES

1/5/98

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IEA Pesticide Standard Report

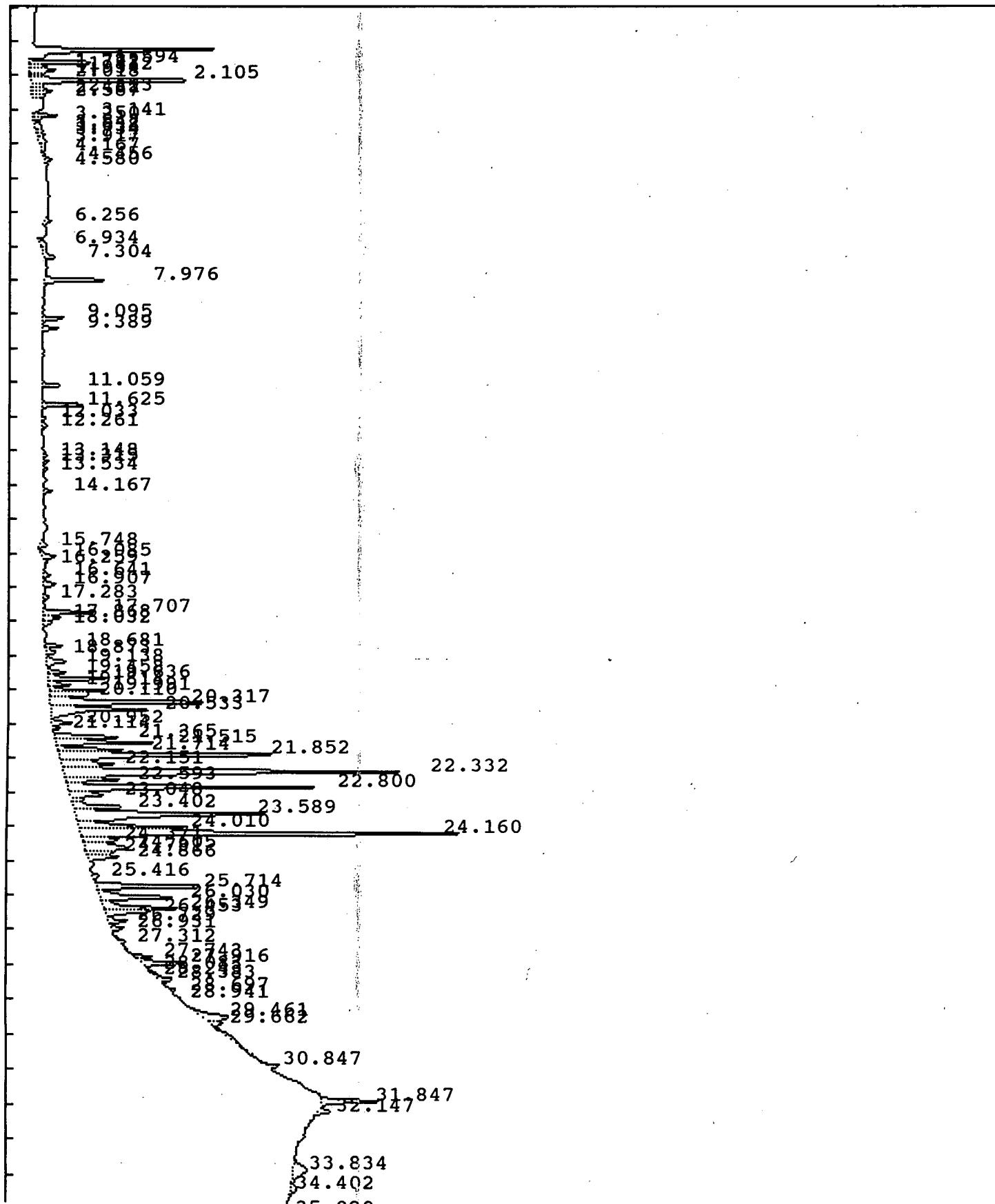
Sample Name : 980920A-08 CDY-008 DF=10 Inj on 1821 05May1998

Result File : /HP58904B/RESULT/B4509124.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-08 CDY-008 DF=10 A/S Report No : 40.10
 Result File : /HP58904B/RESULT/B4509124.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1821 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 25 Bottle no. : 25

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.59		.046117	85765	BV	0.0000	
2	1.72		.065869	17338	VV	0.0000	
3	1.77		.041303	10999	VV	0.0000	
4	1.83		.079889	33013	VV	0.0000	
5	1.93		.059397	13211	VV	0.0000	
6	2.02		.058440	16317	VV	0.0000	
7	2.11		.056616	255425	VV	0.0000	
8	2.42		.068929	28014	VV	0.0000	
9	2.48		.066538	16651	VV	0.0000	
10	2.59		.072373	17290	VV	0.0000	
11	3.14		.060140	32441	VV	0.0000	
12	3.25		.074541	9642	VV	0.0000	
13	3.54		.239273	22413	PV	0.0000	
14	3.64		.079912	8078	VV	0.0000	
15	3.73		.086713	10108	VV	0.0000	
16	3.92		.126788	16512	VV	0.0000	
17	4.17		.236187	14379	VV	0.0000	
18	4.46		.130501	16516	VV	0.0000	
19	4.58		.073113	3358	VV	0.0000	
20	6.26		.116858	10252	BV	0.0000	
21	6.93		.186142	19010	PV	0.0000	
22	7.30		.146918	31704	VB	0.0000	
23	7.98		.079396	88832	VV	0.0000	
24	9.09		.078584	30566	BV	0.0000	
25	9.39		.086500	20430	VB	0.0000	
26	11.06		.070644	27148	BB	0.0000	
27	11.62	11.64	.076907	61907	BV	.3904	Tetrachloro-m-xylene
28	12.03		.107391	7895	PV	0.0000	
29	12.26		.139312	9770	VB	0.0000	
30	13.15		.129339	7814	BV	0.0000	
31	13.31		.089298	9414	VV	0.0000	
32	13.53		.095711	8058	VV	0.0000	
33	14.17	14.07	.098946	14393	BB	.0726	alpha-BHC
34	15.75		.108729	11964	BV	0.0000	
35	16.08		.138450	30078	PV	0.0000	
36	16.26		.080301	4537	VV	0.0000	
37	16.64		.100278	10959	BV	0.0000	
38	16.91	16.87	.135173	21815	VV	.1193	delta-BHE
39	17.28		.110354	9720	VV	0.0000	

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IEA Pesticide Standard Report

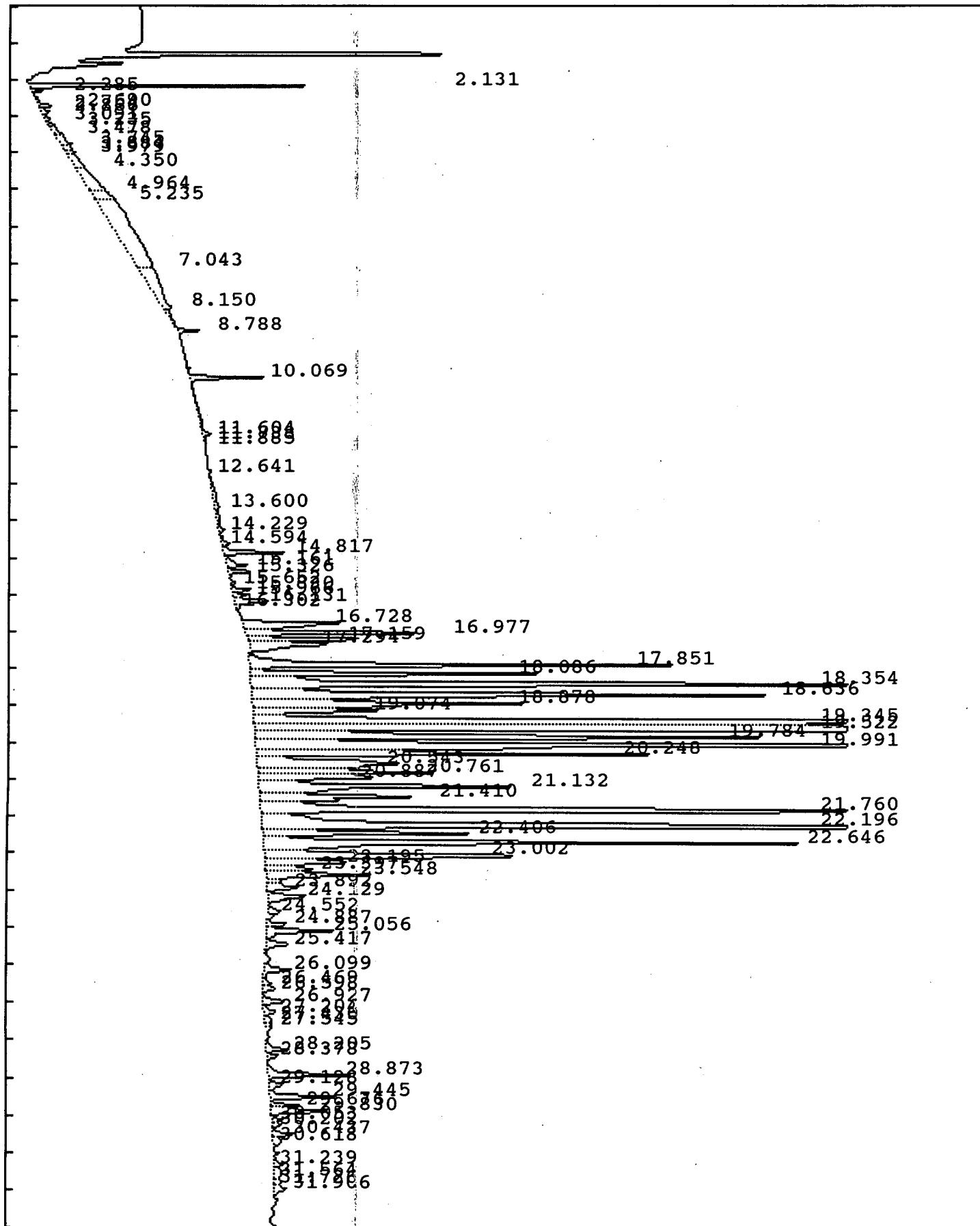
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	17.71		.090544	69834	VV	0.0000	
41	17.87	17.85	.113909	29710	VV	.1570	<u>Aldrin</u>
42	18.03		.096800	12922	VV	0.0000	
43	18.68		.088926	23662	BV	0.0000	
44	18.87		.102960	17462	VV	0.0000	
45	19.14	19.22	.125009	40187	VV	.2719	
46	19.46		.097190	25962	VV	0.0000	
47	19.64	19.61	.082738	84494	VV	.4564	<u>Heptachlor epoxide</u>
48	19.81		.078423	28342	VV	0.0000	
49	19.99		.083546	76173	VV	0.0000	
50	20.11		.091815	64509	VV	0.0000	
51	20.32		.110122	287987	VV	0.0000	
52	20.53		.117937	184206	VV	0.0000	
53	20.95		.087454	26351	VV	0.0000	
54	21.11		.080354	8480	VV	0.0000	
55	21.36	21.40	.122552	114875	PV	.7010	<u>4,4'-DDE</u>
56	21.51		.084309	129809	VV	0.0000	
57	21.71	21.69	.077862	84530	VV	.5062	<u>Dieldrin</u>
58	21.85		.108411	411673	VV	0.0000	
59	22.15		.123658	98613	VV	0.0000	
60	22.33	22.41	.124910	665125	VV	4.3165	<u>Chloorebenzilate</u>
61	22.59		.097227	79318	VV	0.0000	
62	22.80	22.74	.100890	388936	VV	2.8496	<u>Endrin</u>
63	23.05	23.07	.116184	60329	VV	.4633	<u>4,4'-DDD</u>
64	23.40	23.31	.100573	86748	VV	.6224	<u>Endosulfan II</u>
65	23.59		.143345	414796	VV	0.0000	
66	24.01		.121861	204576	VV	0.0000	
67	24.16	24.15	.103913	623365	VV	4.3945	<u>4,4'-DDT</u>
68	24.37	24.36	.120850	65496	VV	.5621	<u>Endrin aldehyde</u>
69	24.60		.191298	116106	VV	0.0000	
70	24.73		.095843	41828	VV	0.0000	
71	24.87		.117421	55534	VV	0.0000	
72	25.42		.127874	12358	PV	0.0000	
73	25.71		.100946	181840	PV	0.0000	
74	26.03		.124039	139011	VV	0.0000	
75	26.35		.124696	132389	VV	0.0000	
76	26.45		.098826	62271	VV	0.0000	
77	26.73		.092026	26394	VV	0.0000	
78	26.93		.100008	19189	VV	0.0000	
79	27.31		.095030	10028	PV	0.0000	
80	27.74		.087370	23784	BV	0.0000	
81	27.92		.104629	76676	VV	0.0000	
82	28.08		.070145	3058	VV	0.0000	
83	28.24		.074139	5726	PV	0.0000	
84	28.38		.113614	26772	VV	0.0000	
85	28.70		.104153	9182	VV	0.0000	
86	28.94		.056865	2086	PV	0.0000	
87	29.46		.224474	89398	BV	0.0000	
88	29.66		.103663	19533	VV	0.0000	
89	30.85		.216496	47721	BB	0.0000	
90	31.85	#31.88	.103729	91817	BB	.7995	<u>Decachlorobiphenyl</u>
91	32.15		.087565	16964	BB	0.0000	
92	33.83		.340887	63350	BV	0.0000	
93	34.40		.181745	17119	VV	0.0000	
94	35.09		.300501	24248	BV	0.0000	

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IEA Pesticide Standard Report

Sample Name : 980920A-09 CDY-009 DF=5 A/S
Result File : /HP58904A/RESULT/A4524136.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1735 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



0073

IEA Pesticide Standard Report

Sample Name : 980920A-09 CDY-009 DF=5 A/S Report No : 30.10
 Result File : /HP58904A/RESULT/A4524136.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1735 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 37 Bottle no. : 37

% Dil-Fact
3333.00

Run Status : EndOffBaseline
SignalOverload

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.040749	190898	VV	0.0000	
2	2.28		.035380	6681	VV	0.0000	
3	2.69		.064512	16697	VV	0.0000	
4	2.75		.036774	1579	VV	0.0000	
5	2.87		.099514	10073	VV	0.0000	
6	3.09		.129016	7650	VV	0.0000	
7	3.23		.077525	6970	PV	0.0000	
8	3.48		.161512	18466	VV	0.0000	
9	3.74		.175905	26848	VV	0.0000	
10	3.88		.116032	10934	VV	0.0000	
11	3.98		.085281	9998	VV	0.0000	
12	4.35		.272643	34755	VV	0.0000	
13	4.96		.429133	82618	VV	0.0000	
14	5.24		.235433	52520	VV	0.0000	
15	7.04		2.186484	377195	VV	0.0000	
16	8.15		1.182420	135191	VV	0.0000	
17	8.79		.121495	32683	VV	0.0000	
18	10.07	10.06	.068087	63399	BB	.5878	Tetrachloro-m-xylene
19	11.60		.200042	20521	BV	0.0000	
20	11.74		.085500	1790	VV	0.0000	
21	11.88		.099596	1619	VB	0.0000	
22	12.64		.064866	2474	PV	0.0000	
23	13.60		.573813	25592	VV	0.0000	
24	14.23		.269925	19122	VV	0.0000	
25	14.59		.145520	14410	PV	0.0000	
26	14.82		.073837	54717	VV	0.0000	
27	15.16		.106078	26431	VV	0.0000	
28	15.33	15.33	.080297	23186	VB	.1987	Heptachlor
29	15.65		.070353	4106	BV	0.0000	
30	15.83		.073166	17151	PV	0.0000	
31	15.97		.073123	12767	VV	0.0000	
32	16.13		.107180	41794	VV	0.0000	
33	16.30		.081623	4818	VV	0.0000	
34	16.73		.118763	148369	BV	0.0000	
35	16.98		.078123	183293	VV	0.0000	
36	17.16		.079229	120029	VV	0.0000	
37	17.29		.141259	133205	VB	0.0000	
38	17.85	17.83	.082379	427739	BV	4.4630	delta-BHC
39	18.09		.081033	280609	VV	0.0000	

Mysl1248

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	18.35	18.35	.088972	889936	VV	8.6691	Heptachlor epoxide
41	18.64		.111739	677575	VV	0.0000	
42	18.88		.109543	347806	VV	0.0000	
43	19.07		.104518	147385	VV	0.0000	
44	19.35	19.35	.072921	1990532	VV	18.2308	gamma-Chlordane
45	19.52	19.51	.084837	5190411	GV	49.1173	alpha-Chlordane
46	19.78	19.80	.118338	671332	VV	7.1024	4,4'-DDE
47	19.99		.085262	1720359	VV	0.0000	
48	20.25	20.30	.081067	379990	VV	3.9535	Dieldrin
49	20.54		.201153	340707	VV	0.0000	
50	20.76		.098792	195757	VV	0.0000	
51	20.89	20.91	.103472	148091	VV	1.9400	Endrin
52	21.13		.116168	362904	VV	0.0000	
53	21.41		.124845	241707	VV	0.0000	
54	21.76	21.68	.080190	1227323	VV	31.6663	Chlorobenzilate
55	22.20	22.16	.088774	1620729	VV	22.0100	4,4'-DDD
56	22.41	22.34	.093672	231806	VV	2.7129	Endosulfan-II
57	22.65	22.65	.102771	657318	VV	10.3004	4,4'-DDT
58	23.00		.141096	403034	VV	0.0000	
59	23.20		.115466	117190	VV	0.0000	
60	23.40		.099953	53497	VV	0.0000	
61	23.55		.117317	138275	VV	0.0000	
62	23.89		.108129	41098	VV	0.0000	
63	24.13		.147457	63394	BV	0.0000	
64	24.55		.122194	17897	BV	0.0000	
65	24.89		.082216	20736	VV	0.0000	
66	25.06		.105634	80422	VV	0.0000	
67	25.42		.130430	33106	VV	0.0000	
68	26.10		.120005	37779	VV	0.0000	
69	26.47		.118131	11279	VV	0.0000	
70	26.60		.114937	16197	VV	0.0000	
71	26.93		.115171	28753	PV	0.0000	
72	27.20		.129424	18456	VV	0.0000	
73	27.43		.137999	10683	VV	0.0000	
74	27.55		.096595	8011	VV	0.0000	
75	28.20		.098736	27184	VV	0.0000	
76	28.38		.122721	15630	VV	0.0000	
77	28.87	#28.88	.095044	88510	VV	.8949	Decachlorobiphenyl
78	29.13		.145295	23515	VV	0.0000	
79	29.44		.087842	66630	VV	0.0000	
80	29.68		.090447	28097	VV	0.0000	
81	29.83		.100447	67175	VV	0.0000	
82	30.05		.094245	11637	VV	0.0000	
83	30.20		.103870	9889	VV	0.0000	
84	30.44		.093417	23438	VV	0.0000	
85	30.62		.187925	17184	BV	0.0000	
86	31.24		.095179	10758	VV	0.0000	
87	31.56		.266125	19734	VV	0.0000	
88	31.73		.121599	9771	VV	0.0000	
89	31.91		.138989	19798	VV	0.0000	

Total Area : 21229320 Total PPB : 161.847

Report Time : 1352 11May1998
 Method : /DATA/LOOP/METHOD/A4524_136.MT
 Result File : /HP58904A/RESULT/A4524136.RES

4/5/98

0075

IEA Pesticide Standard Report

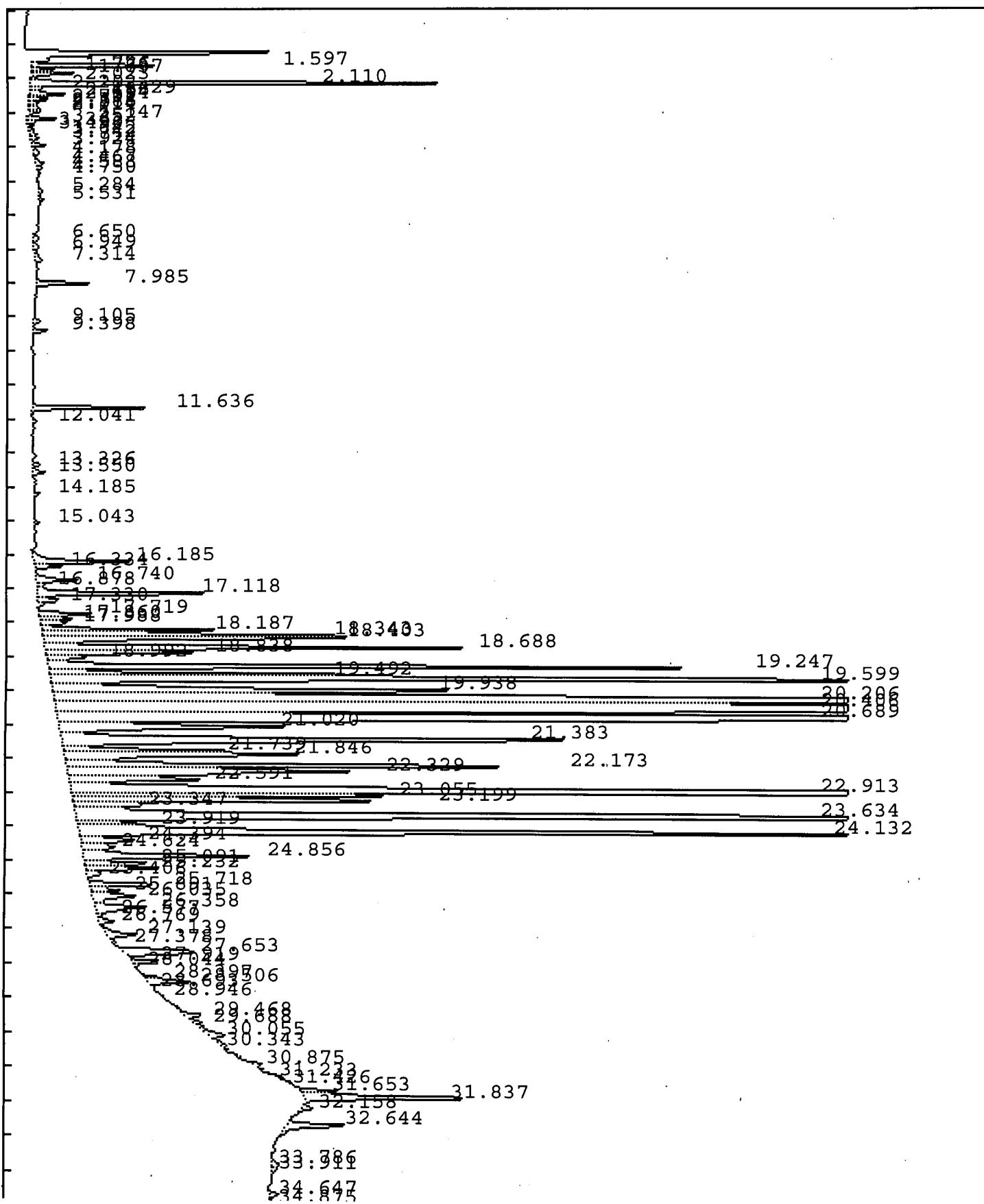
Sample Name : 980920A-09 CDY-009 DF=5 Inj on 1907 05May1998

Result File : /HP58904B/RESULT/B4509125.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-09 CDY-009 DF=5 A/S Report No : 41.10
 Result File : /HP58904B/RESULT/B4509125.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1907 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 26 Bottle no. : 26

% Dil-Fact
3333.00

Run Status : EndOffBaseline
SignalOverload

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.60		.045980	151012	BV	0.0000	
2	1.73		.050777	18849	VV	0.0000	
3	1.78		.037141	12945	VV	0.0000	
4	1.84		.059277	46985	VV	0.0000	
5	2.02		.044495	16594	VV	0.0000	
6	2.11		.053838	547814	VV	0.0000	
7	2.29		.071346	15154	VV	0.0000	
8	2.43		.054462	37522	VV	0.0000	
9	2.49		.055050	17895	VV	0.0000	
10	2.59		.054175	17693	VV	0.0000	
11	2.70		.077359	12004	VV	0.0000	
12	2.78		.064366	10968	VV	0.0000	
13	2.87		.051581	10616	VV	0.0000	
14	2.91		.045479	8870	VV	0.0000	
15	3.15		.058218	33384	PV	0.0000	
16	3.25		.071734	9172	VV	0.0000	
17	3.36		.055730	6534	PV	0.0000	
18	3.49		.090408	8097	VV	0.0000	
19	3.64		.095409	13348	VV	0.0000	
20	3.74		.068630	11305	VV	0.0000	
21	3.92		.083357	19812	VV	0.0000	
22	4.18		.162464	13254	VV	0.0000	
23	4.47		.101903	14957	VV	0.0000	
24	4.59		.066178	6326	VV	0.0000	
25	4.75		.057607	2141	PV	0.0000	
26	5.28		.193795	12405	BV	0.0000	
27	5.53		.064039	4648	VV	0.0000	
28	6.65		.158941	12812	PV	0.0000	
29	6.95		.161046	9972	VV	0.0000	
30	7.31		.188867	21304	VV	0.0000	
31	7.99		.077779	67017	VV	0.0000	
32	9.10		.096675	11181	BV	0.0000	
33	9.40		.095334	20738	PV	0.0000	
34	11.64	11.64	.074299	140488	VV	.8860	Tetrachloro-m-xylene
35	12.04		.094107	5932	PV	0.0000	
36	13.33		.086018	9600	PV	0.0000	
37	13.55		.087595	17168	VV	0.0000	
38	14.19		.097672	8600	VB	0.0000	
39	15.04		.092416	7409	BV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	16.19		.098393	154104	PV	0.0000	
41	16.33		.085679	35621	VB	0.0000	
42	16.74	16.75	.102506	63094	BV	.3159	Heptachlor
43	16.88	16.87	.108694	12684	VV	.0694	delta-BHC
44	17.12		.091343	262100	VV	0.0000	
45	17.33		.095910	35943	VV	0.0000	
46	17.72		.095718	77266	PV	0.0000	
47	17.86	17.85	.095104	46880	VV	.2477	Aldrin
48	17.99		.115152	46071	VV	0.0000	
49	18.19		.081137	215993	VV	0.0000	
50	18.34		.087299	368539	VV	0.0000	
51	18.40		.097270	428842	VV	0.0000	
52	18.69		.089724	570525	VV	0.0000	
53	18.84		.108606	237116	VV	0.0000	
54	18.99		.105101	62405	VV	0.0000	
55	19.25	19.22	.086625	887482	VV	6.0056	Isodrin
56	19.49		.080827	443903	VV	0.0000	
57	19.60	19.61	.092729	1429264	VV	7.7195	Heptachlor epoxide
58	19.94		.151360	873329	VV	0.0000	
59	20.21	20.22	.104019	5193057	VV	26.8051	gamma-Chlordane
60	20.41		.162047	9796248	GV	0.0000	
61	20.69	20.70	.097696	5913260	GV	33.3002	alpha-Chlordane
62	21.02		.141331	478808	VV	0.0000	
63	21.38	21.40	.139293	1104779	VV	6.7418	4,4'-DDE
64	21.74	21.69	.093192	218875	VV	1.3107	Dieldrin
65	21.85		.133682	472130	VV	0.0000	
66	22.17		.103695	744754	VV	0.0000	
67	22.33		.144947	650181	VV	0.0000	
68	22.59		.113092	224475	VV	0.0000	
69	22.91		.100524	3237516	VV	0.0000	
70	23.05	23.07	.085174	400089	VV	3.0727	4,4'-DDD
71	23.20		.094003	480314	VV	0.0000	
72	23.35	23.31	.125041	129776	VV	.9312	Endosulfan-II
73	23.63		.112542	2655525	VV	0.0000	
74	23.92		.087243	84145	VV	0.0000	
75	24.13	24.15	.117394	1459277	VV	10.2874	4,4'-DDT
76	24.39	24.36	.145332	112846	VV	.9685	Endrin aldehyde
77	24.62		.164818	75798	VV	0.0000	
78	24.86		.126665	309112	VV	0.0000	
79	25.09		.100375	103437	VV	0.0000	
80	25.23		.105255	111265	VV	0.0000	
81	25.41		.119398	26079	VV	0.0000	
82	25.72		.103443	107809	PV	0.0000	
83	25.89		.099535	42165	VV	0.0000	
84	26.03		.144909	93165	VV	0.0000	
85	26.36		.144019	107471	VV	0.0000	
86	26.58		.087641	7534	VV	0.0000	
87	26.77		.110997	25125	VV	0.0000	
88	27.14	27.20	.138223	64501	PV	1.1986	Methoxychlor
89	27.38		.129351	6778	VV	0.0000	
90	27.65	27.63	.185061	183068	PB	1.2726	Endrin ketone
91	27.92		.089543	38686	BV	0.0000	
92	28.04		.084511	5514	VV	0.0000	
93	28.40		.081007	20543	PV	0.0000	
94	28.51		.099155	66022	VV	0.0000	

ASL/ak

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	28.69		.152553	4009	VB	0.0000	
96	28.95		.097449	3505	BV	0.0000	
97	29.47		.155021	44622	PV	0.0000	
98	29.69		.121592	15497	VV	0.0000	
99	30.05		.208145	53347	VV	0.0000	
100	30.34		.233763	22823	VB	0.0000	
101	30.88		.125170	18625	BV	0.0000	
102	31.23		.068015	6699	BV	0.0000	
103	31.43		.108819	5265	VV	0.0000	
104	31.65		.094372	52236	BV	0.0000	
105	31.84	#31.88	.117002	303073	VV	2.6392	Decachlorobiphenyl
106	32.16		.073341	12345	BB	0.0000	
107	32.64		.114873	98738	BB	0.0000	
108	33.79		.163603	17962	BV	0.0000	
109	33.91		.112552	.9820	VB	0.0000	
110	34.65		.148616	19080	PV	0.0000	
111	34.87		.122580	4430	VV	0.0000	
112	35.48		.168374	19150	BV	0.0000	
113	35.92		.054707	8723	PB	0.0000	

Total Area : 43133776 Total PPB : 103.772

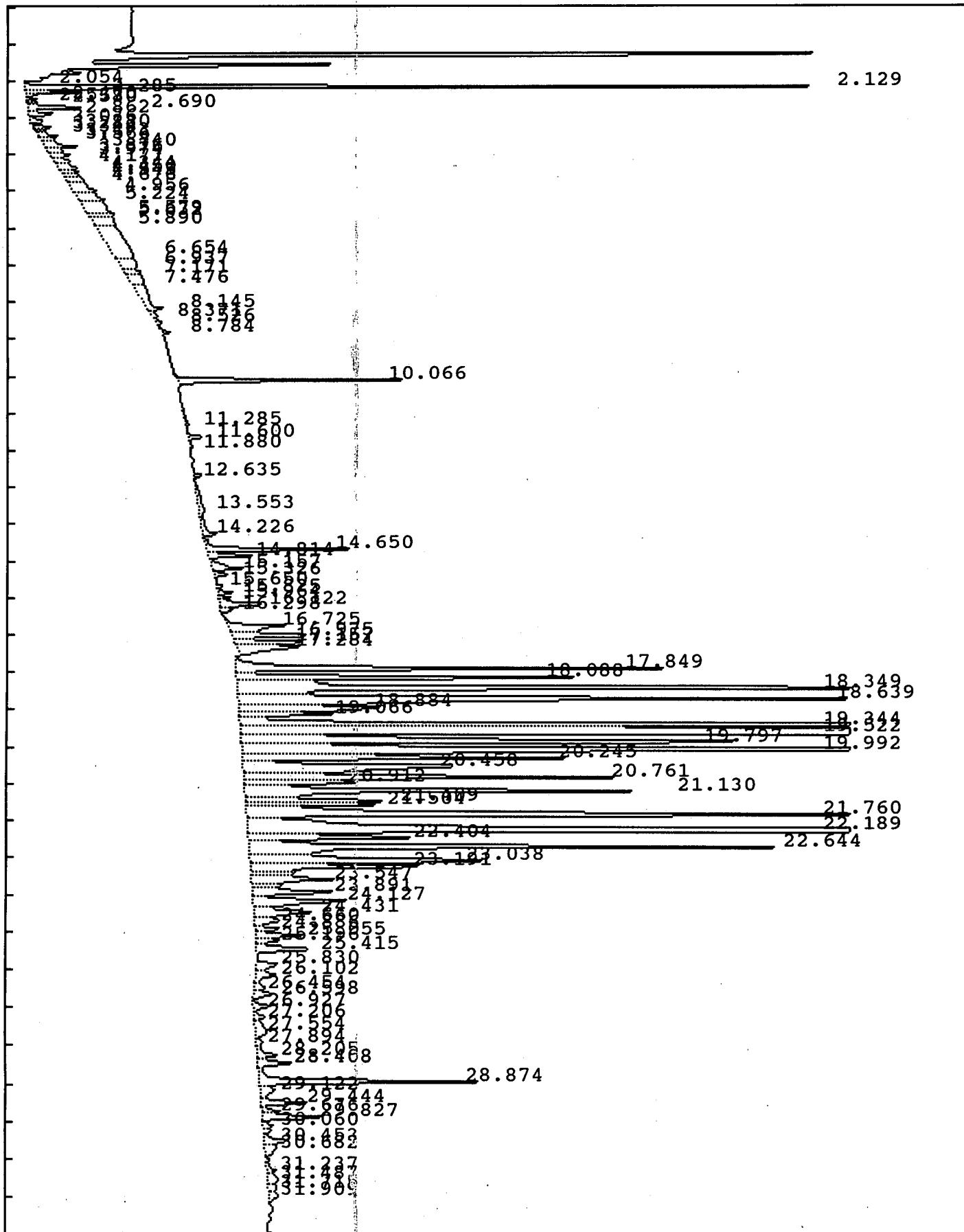
Report Time : 1844 11May1998
 Method : /DATA/LOOP/METHOD/B4509_125.MT
 Result File : /HP58904B/RESULT/B4509125.RES

0030

IEA/Pesticide Standard Report

Sample Name : 980920A-10 CDY-010 DF=2 A/S
Result File : /HP58904A/RESULT/A4524137.REST
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1821 05May1998
INSTRUMENT: HP58904A
nj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-10 CDY-010 DF=2 A/S Report No : 31.10
 Result File : /HP58904A/RESULT/A4524137.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1821 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2/ 38 Bottle no. : 38

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline
SignalOverload

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.05		.030142	1791	BV	0.0000	
2	2.13		.042361	579313	VV	0.0000	
3	2.28		.042324	34811	VV	0.0000	
4	2.47		.041833	5918	VV	0.0000	
5	2.53		.038684	4117	VV	0.0000	
6	2.58		.068305	8475	VV	0.0000	
7	2.69		.047032	50337	VV	0.0000	
8	2.86		.089723	25963	VV	0.0000	
9	3.08		.111007	16311	VV	0.0000	
10	3.23		.079654	17551	PV	0.0000	
11	3.28		.041733	5802	VV	0.0000	
12	3.35		.052045	5931	VV	0.0000	
13	3.47		.093682	22647	VV	0.0000	
14	3.57		.080896	13025	VV	0.0000	
15	3.74		.104073	42477	VV	0.0000	
16	3.88		.093055	17198	VV	0.0000	
17	3.97		.102331	24351	VV	0.0000	
18	4.18		.135606	21966	VV	0.0000	
19	4.34		.130173	30285	VV	0.0000	
20	4.45		.081387	15630	VV	0.0000	
21	4.54		.076436	13844	VV	0.0000	
22	4.68		.127172	26826	VV	0.0000	
23	4.96		.209593	57191	VV	0.0000	
24	5.22		.226558	64551	VV	0.0000	
25	5.58		.288411	82356	VV	0.0000	
26	5.63		.071889	20003	VV	0.0000	
27	5.89		.260042	58789	VV	0.0000	
28	6.65		.832464	185327	VV	0.0000	
29	6.94		.262832	52256	VV	0.0000	
30	7.17		.127023	22889	VV	0.0000	
31	7.48		.312261	43950	VV	0.0000	
32	8.14		.386588	73633	VV	0.0000	
33	8.37		.151815	8391	VV	0.0000	
34	8.53		.114124	8919	VV	0.0000	
35	8.78		.088737	8412	VV	0.0000	
36	10.07	10.06	.069675	191762	BB	1.7780	Tetrachloro-m-xylene
37	11.28		.283367	9002	PV	0.0000	
38	11.60		.102937	18201	PV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
39	11.88		.101706	2316	VB	0.0000	
40	12.63		.080625	8671	VB	0.0000	
41	13.55		.496216	33412	BV	0.0000	
42	14.23		.192473	30994	VV	0.0000	
43	14.65	14.66	.071526	133610	PV	1.1683	gamma-BHC (Lindane)
44	14.81		.078313	41604	VV	0.0000	
45	15.16		.119480	43346	VV	0.0000	
46	15.33	15.33	.091129	15275	VB	.1309	Heptachlor
47	15.65		.068737	4590	BV	0.0000	
48	15.82		.077313	13402	PV	0.0000	
49	15.96		.075305	10284	VV	0.0000	
50	16.12		.110999	57067	VV	0.0000	
51	16.30	16.22	.081280	12043	VV	.1161	Aldrin
52	16.72		.127934	89941	BV	0.0000	
53	16.97		.093584	95778	VV	0.0000	
54	17.16		.087133	76130	VV	0.0000	
55	17.28		.152834	106877	VB	0.0000	
56	17.85	17.83	.080381	410329	BV	4.2813	delta-BHC
57	18.09		.089381	352491	VV	0.0000	
58	18.35	18.35	.088900	999876	VV	9.7401	Heptachlor epoxide
59	18.64		.121800	828974	VV	0.0000	
60	18.88		.143235	220611	VV	0.0000	
61	19.07		.098173	103458	VV	0.0000	
62	19.34	19.35	.073738	1373083	VV	12.5757	gamma-Chlordane
63	19.52	19.51	.081474	4798063	GV	45.4045	alpha-Chlordane
64	19.80	19.80	.108611	706311	VV	7.4725	4,4'-DDE
65	19.99		.088239	1639315	VV	0.0000	
66	20.25	20.30	.087901	327118	VV	3.4035	Dieldrin
67	20.46		.166108	442140	VV	0.0000	
68	20.76		.093116	394873	VV	0.0000	
69	20.91	20.91	.119117	142038	VV	1.8607	Endrin
70	21.13		.100203	483683	VV	0.0000	
71	21.41		.089414	149133	VV	0.0000	
72	21.50		.082531	131267	VV	0.0000	
73	21.76	21.68	.085015	1025155	VV	26.4501	Chlorobenzilate
74	22.19	22.16	.107694	1760219	VV	23.9043	4,4'-DDD
75	22.40	22.34	.107785	200686	VV	2.3487	Endosulfan II
76	22.64	22.65	.106608	662144	VV	10.3760	4,4'-DDT
77	23.04		.143352	354411	VV	0.0000	
78	23.19		.106941	228713	VV	0.0000	
79	23.55		.147342	136183	VV	0.0000	
80	23.89		.113020	105478	VV	0.0000	
81	24.13		.149720	156829	VV	0.0000	
82	24.43		.150427	95329	VV	0.0000	
83	24.66	24.68	.141147	37983	VV	1.1124	Methoxychlor
84	24.89		.094635	27896	VV	0.0000	
85	25.06		.100988	51174	VV	0.0000	
86	25.20		.101169	25494	VV	0.0000	
87	25.42		.124417	73887	VV	0.0000	
88	25.83		.162830	36544	BV	0.0000	
89	26.10		.174775	36170	VV	0.0000	
90	26.45		.129544	16020	VV	0.0000	
91	26.60		.128115	27116	VV	0.0000	
92	26.93		.133216	22736	PV	0.0000	
93	27.21		.128335	14651	VV	0.0000	

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
94	27.55		.274342	39326	VV	0.0000	
95	27.89		.147114	9104	VV	0.0000	
96	28.21		.132073	30157	VV	0.0000	
97	28.41		.121157	45035	VV	0.0000	
98	28.87	#28.88	.097412	238579	VV	2.4121	Decachlorobiphenyl
99	29.12		.196938	31923	VV	0.0000	
100	29.44		.100449	50080	VV	0.0000	
101	29.68		.095132	19801	VV	0.0000	
102	29.83		.107410	70884	VV	0.0000	
103	30.06		.121472	13135	VV	0.0000	
104	30.45		.146075	34596	VV	0.0000	
105	30.68		.232661	27937	VV	0.0000	
106	31.24		.143146	14137	VV	0.0000	
107	31.49		.230393	26152	VV	0.0000	
108	31.71		.184685	15592	VV	0.0000	
109	31.91		.166635	17949	VV	0.0000	

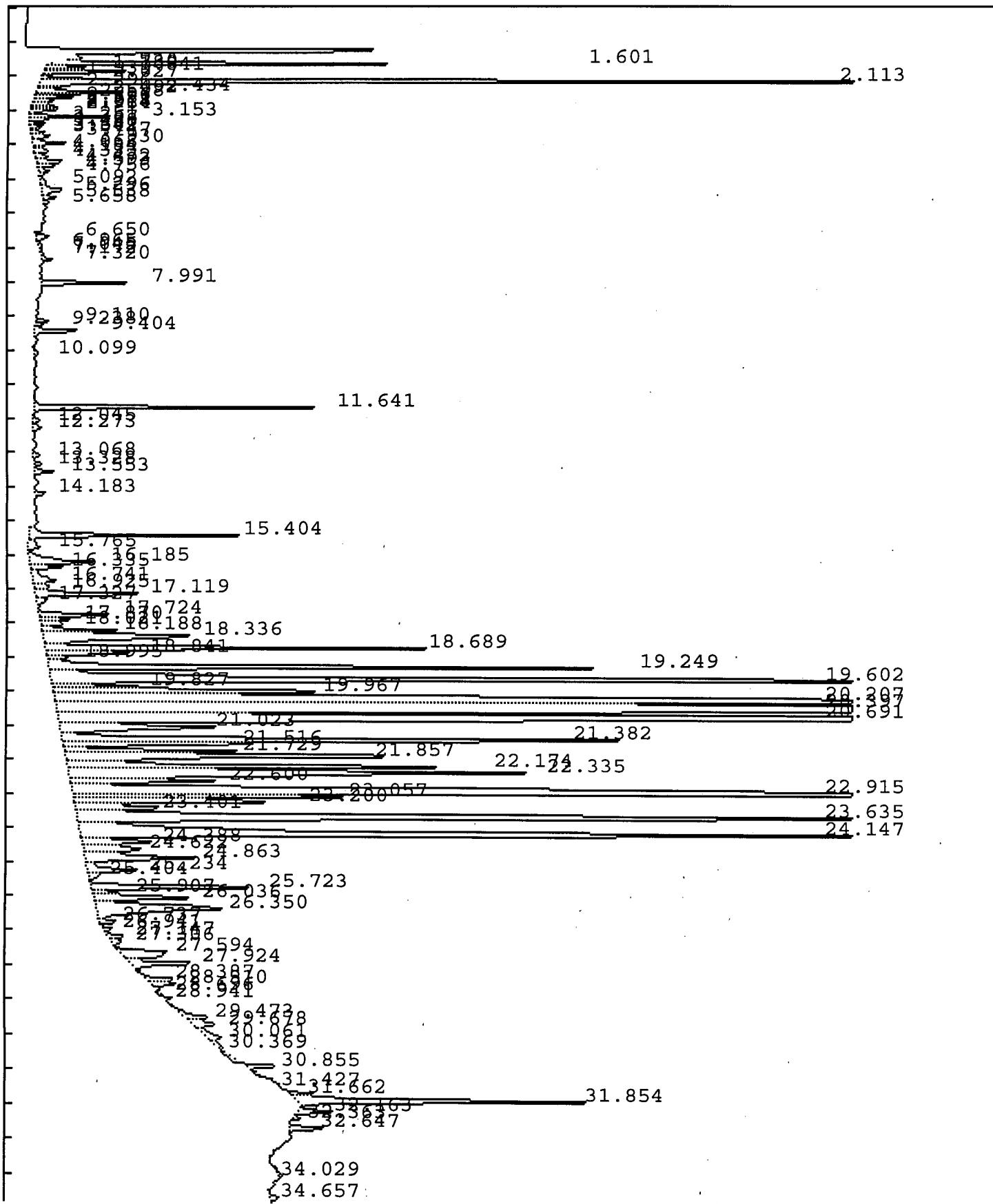
Total Area : 21947516 Total PPB : 154.535

Report Time : 1402 11May1998
Method : /DATA/LOOP/METHOD/A4524_137.MT
Result File : /HP58904A/RESULT/A4524137.RES

IEA Pesticide Standard Report

0084

Sample Name : 980920A-10 CDY-010 DF=2 Inj on 1953 05May1998
Result File : /HP58904B/RESULT/B4509126.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-10 CDY-010 DF=2 A/S Report No : 42.10
 Result File : /HP58904B/RESULT/B4509126.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1953 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 27 Bottle no. : 27

% Dil-Fact
3333.00

Run Status : EndOffBaseline
SignalOverload

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.60		.045282	341897	BV	0.0000	
2	1.73		.047328	32247	PV	0.0000	
3	1.78		.036355	23248	VV	0.0000	
4	1.84		.056515	90418	VV	0.0000	
5	1.94		.037296	6954	VV	0.0000	
6	2.03		.041998	29644	PV	0.0000	
7	2.11		.055406	1084424	VV	0.0000	
8	2.30		.062836	26167	VV	0.0000	
9	2.43		.052585	81537	VV	0.0000	
10	2.49		.054561	39583	VV	0.0000	
11	2.60		.052326	34909	VV	0.0000	
12	2.71		.076570	24638	VV	0.0000	
13	2.78		.061896	19487	VV	0.0000	
14	2.87		.051167	21195	VV	0.0000	
15	2.92		.044972	17290	VV	0.0000	
16	2.96		.073869	28032	VV	0.0000	
17	3.15		.056729	84041	PV	0.0000	
18	3.25		.066416	16676	VV	0.0000	
19	3.37		.054780	14788	PV	0.0000	
20	3.49		.091030	15943	VV	0.0000	
21	3.56		.041872	4651	VV	0.0000	
22	3.65		.069267	18452	VV	0.0000	
23	3.75		.063698	24079	VV	0.0000	
24	3.93		.093199	48287	VV	0.0000	
25	4.07		.068494	9728	VV	0.0000	
26	4.18		.114278	23195	VV	0.0000	
27	4.33		.097140	17117	VV	0.0000	
28	4.47		.093929	46577	VV	0.0000	
29	4.59		.083164	23824	VV	0.0000	
30	4.76		.099795	16694	VV	0.0000	
31	5.09		.192889	17843	VV	0.0000	
32	5.30		.143257	48857	VV	0.0000	
33	5.54		.085148	17843	VV	0.0000	
34	5.66		.095581	7090	VV	0.0000	
35	6.65		.129826	26285	PV	0.0000	
36	6.96		.146935	8617	VV	0.0000	
37	7.04		.094476	4026	VV	0.0000	
38	7.17		.066830	3226	VV	0.0000	
39	7.32		.072588	12300	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	7.99		.077051	102891	VV	0.0000	
41	9.11		.073603	16053	BV	0.0000	
42	9.24		.076764	8348	VV	0.0000	
43	9.40		.088555	66367	PV	0.0000	
44	10.10		.125626	7184	PV	0.0000	
45	11.64	11.64	.073465	326416	BV	2.0586	Tetrachloro-m-xylene
46	12.04		.107856	10515	PV	0.0000	
47	12.27		.125410	14004	VB	0.0000	
48	13.07		.121186	11111	PV	0.0000	
49	13.33		.094844	12302	VV	0.0000	
50	13.55		.081036	24661	VB	0.0000	
51	14.18		.092815	17095	BV	0.0000	
52	15.40	15.41	.076967	254555	VV	1.2955	gamma-BHC (Lindane)
53	15.76		.172505	31593	VV	0.0000	
54	16.19		.132426	134953	PV	0.0000	
55	16.34		.098165	47416	VV	0.0000	
56	16.74	16.75	.182501	63407	VV	.3174	Heptachlor
57	16.93	16.87	.140993	33170	VV	.1814	delta-BHC
58	17.12		.092508	164422	VV	0.0000	
59	17.33		.143042	23818	VV	0.0000	
60	17.72		.097013	103511	PV	0.0000	
61	17.87	17.85	.094201	41621	VV	.2200	Aldrin
62	18.02		.132494	41413	VV	0.0000	
63	18.19		.078981	92407	VV	0.0000	
64	18.34		.182992	386859	VV	0.0000	
65	18.69		.087022	501975	VV	0.0000	
66	18.84		.108830	132289	VV	0.0000	
67	19.00		.093005	28675	VV	0.0000	
68	19.25	19.22	.088567	764676	VV	5.1745	Isodrin
69	19.60	19.61	.100228	1709156	VV	9.2313	Heptachlor-epoxide
70	19.83		.070707	87580	VV	0.0000	
71	19.97		.141574	521890	VV	0.0000	
72	20.21	20.22	.111691	3452226	VV	17.8194	gamma-Chlordane
73	20.40		.141725	8567724	GV	0.0000	
74	20.69	20.70	.095610	4449232	VV	25.0556	alpha-Chlordane
75	21.02		.148010	351188	VV	0.0000	
76	21.38	21.40	.106755	952129	VV	5.8102	4,4'-DDE
77	21.52		.077057	190749	VV	0.0000	
78	21.73	21.69	.092507	236262	VV	1.4148	Dieldrin
79	21.86		.117111	664972	VV	0.0000	
80	22.17		.104262	626097	VV	0.0000	
81	22.34	22.41	.143399	997695	VV	6.4748	Chlorobenzilate
82	22.60		.110815	234666	VV	0.0000	
83	22.92		.115033	2667538	VV	0.0000	
84	23.06	23.07	.086151	348587	VV	2.6771	4,4'-DDD
85	23.20		.094913	301092	VV	0.0000	
86	23.40	23.31	.126227	166863	VV	1.1973	Endosulfan II
87	23.63		.123250	1895748	VV	0.0000	
88	24.15	24.15	.135943	1848808	VV	13.0334	4,4'-DDT
89	24.39	24.36	.122475	127498	VV	1.0942	Endrin-aldehyde
90	24.62		.172403	140605	VV	0.0000	
91	24.86		.150227	240167	VV	0.0000	
92	25.23		.132093	95413	VV	0.0000	
93	25.40		.121226	20376	VV	0.0000	
94	25.72		.102987	256209	PV	0.0000	

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	25.91		.084032	31517	VV	0.0000	
96	26.04		.115513	164926	VV	0.0000	
97	26.35		.224351	404257	VV	0.0000	
98	26.74		.100392	28547	VV	0.0000	
99	26.94		.099470	14551	PV	0.0000	
100	27.15	27.20	.117778	30714	VV	.5708	
101	27.31		.164256	23809	VB	0.0000	
102	27.59	27.63	.216034	149727	BV	1.0408	Endrin ketone
103	27.92		.112446	118950	VV	0.0000	
104	28.39		.111250	50506	PV	0.0000	
105	28.51		.116424	43426	VV	0.0000	
106	28.70		.117520	7479	VB	0.0000	
107	28.94		.050984	6602	BV	0.0000	
108	29.47		.164080	58053	PV	0.0000	
109	29.68		.147088	50434	VV	0.0000	
110	30.06		.253396	53623	VV	0.0000	
111	30.37		.355850	23274	VB	0.0000	
112	30.86		.065557	34430	BV	0.0000	
113	31.43		.361886	15105	BV	0.0000	
114	31.66		.094336	31443	BV	0.0000	
115	31.85	#31.88	.109908	471272	VB	4.1039	Decachlorobiphenyl
116	32.16		.089984	44471	BV	0.0000	
117	32.36		.054971	6128	PB	0.0000	
118	32.65		.099566	53066	BV	0.0000	
119	34.03		.204581	10157	VB	0.0000	
120	34.66		.143650	17849	PV	0.0000	
121	35.48		.234024	17340	VV	0.0000	
122	35.92		.057249	12001	PB	0.0000	

Total Area : 38999648 Total PPB : 98.771

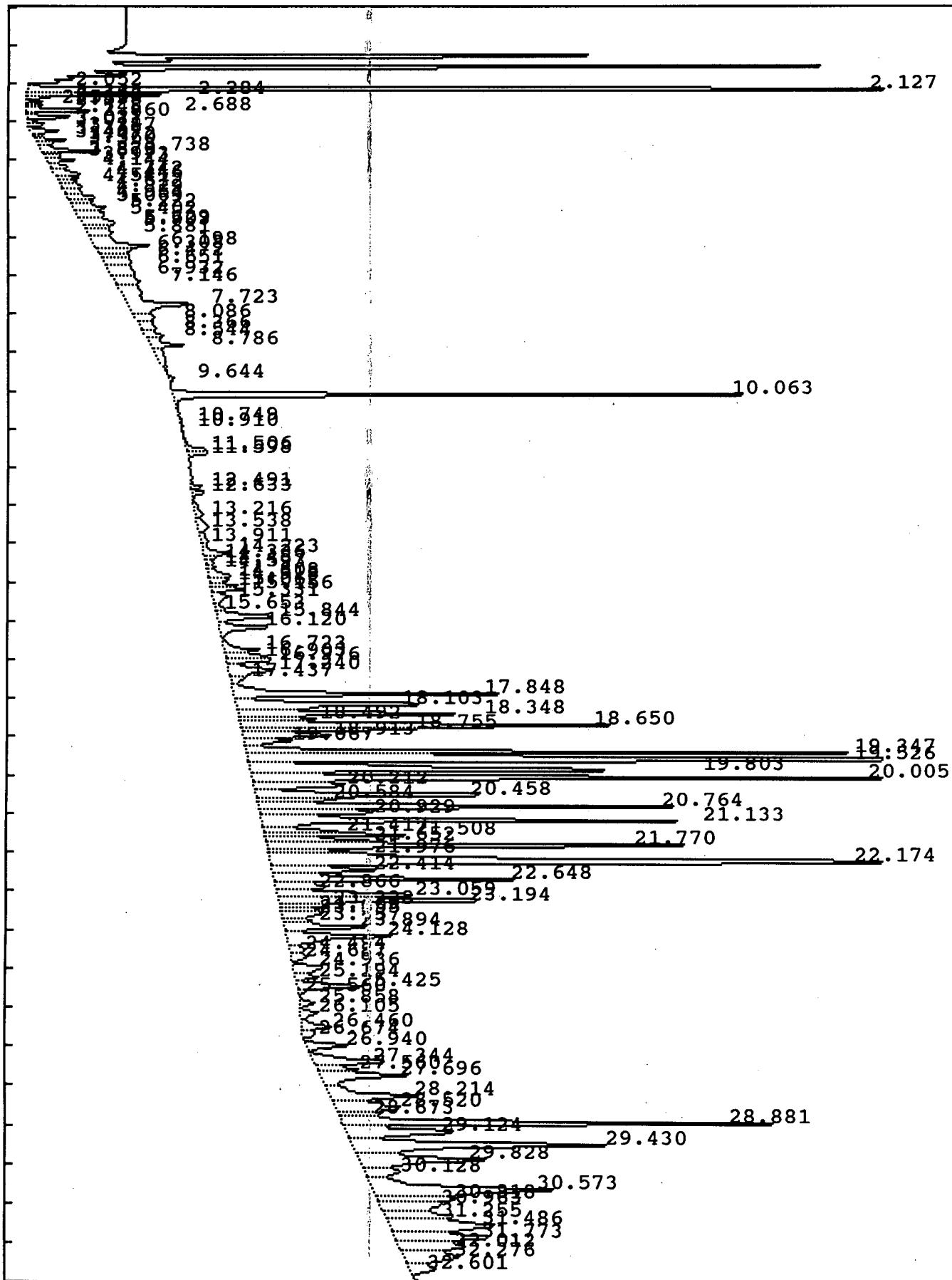
Report Time : 1845 11May1998
 Method : /DATA/LOOP/METHOD/B4509_126.MT
 Result File : /HP58904B/RESULT/B4509126.RES

0089

IEA Pesticide Standard Report

Sample Name : 980920A-11 CDY-011 A/S
Result File : /DATA/LOOP/RESULT/A4524087.REST
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1308 01May1998
INSTRUMENT: HP5890A
nj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-11 CDY-011 A/S Report No : 87.00
 Result File : /DATA/LOOP/RESULT/A4524087.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1308 01May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 87 Bottle no. : 87

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.05		.030625	4221	BV	0.0000	
2	2.13		.042351	1043093	VV	0.0000	
3	2.28		.039545	79003	VV	0.0000	
4	2.36		.045840	9500	VV	0.0000	
5	2.47		.036485	9147	PV	0.0000	
6	2.53		.035761	6125	VV	0.0000	
7	2.58		.059885	11507	VV	0.0000	
8	2.69		.041991	56817	VV	0.0000	
9	2.75		.034494	4672	VV	0.0000	
10	2.86		.083452	41261	VV	0.0000	
11	3.02		.050792	8340	VV	0.0000	
12	3.07		.063657	11184	VV	0.0000	
13	3.23		.084485	28598	PV	0.0000	
14	3.34		.047370	4785	VV	0.0000	
15	3.41		.047009	5230	VV	0.0000	
16	3.47		.062768	24297	VV	0.0000	
17	3.56		.065393	11564	VV	0.0000	
18	3.74		.071964	57489	VV	0.0000	
19	3.82		.031816	5257	VV	0.0000	
20	3.87		.063783	13092	VV	0.0000	
21	3.97		.084436	28898	VV	0.0000	
22	4.14		.108323	21254	VV	0.0000	
23	4.34		.106925	36109	VV	0.0000	
24	4.45		.072156	17530	VV	0.0000	
25	4.54		.072042	14758	VV	0.0000	
26	4.67		.118162	29521	VV	0.0000	
27	4.83		.134146	24362	VV	0.0000	
28	4.95		.091807	32100	VV	0.0000	
29	5.07		.099684	22911	VV	0.0000	
30	5.22		.131382	45394	VV	0.0000	
31	5.40		.191389	52651	VV	0.0000	
32	5.63		.160630	55598	VV	0.0000	
33	5.70		.076334	21643	VV	0.0000	
34	5.88		.185986	48031	VV	0.0000	
35	6.20		.179422	101863	VV	0.0000	
36	6.31		.122056	45174	VV	0.0000	
37	6.47		.088879	26284	VV	0.0000	
38	6.65		.213155	58634	VV	0.0000	
39	6.93		.239043	62439	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	7.15		.215750	56143	VV	0.0000	
41	7.72		.294931	202157	VV	0.0000	
42	8.09		.161724	31407	VV	0.0000	
43	8.37		.228550	34037	VV	0.0000	
44	8.54		.141958	29141	VV	0.0000	
45	8.79		.127052	47243	VV	0.0000	
46	9.64		.822930	45263	VB	0.0000	
47	10.06	10.06	.066149	441570	BV	4.0943	Tetrachloro-m-xylene
48	10.75		.194502	8384	VV	0.0000	
49	10.91		.092180	2685	VV	0.0000	
50	11.51		.105866	23680	VV	0.0000	
51	11.60		.087779	22500	VB	0.0000	
52	12.49		.079188	10967	VV	0.0000	
53	12.63		.102619	17341	VV	0.0000	
54	13.22		.261841	19934	PV	0.0000	
55	13.54		.251635	27588	VV	0.0000	
56	13.91		.199754	16359	VV	0.0000	
57	14.22		.134551	37774	VV	0.0000	
58	14.34		.093478	12152	VV	0.0000	
59	14.49		.095549	8123	VV	0.0000	
60	14.59		.092546	9280	VV	0.0000	
61	14.81		.129134	32648	VV	0.0000	
62	14.92		.099171	20745	VV	0.0000	
63	15.06		.080862	22912	VV	0.0000	
64	15.16		.087961	32406	VV	0.0000	
65	15.33	15.33	.167507	28652	VV	.2456	Heptachlor
66	15.65		.116881	11591	VV	0.0000	
67	15.84		.133440	81389	VV	0.0000	
68	16.12		.135244	78045	VV	0.0000	
69	16.72		.114448	45140	VV	0.0000	
70	16.90		.111923	46242	VV	0.0000	
71	16.98		.096996	51079	VV	0.0000	
72	17.24		.180013	84178	VV	0.0000	
73	17.44	17.48	.131196	22701	VV	.2635	Isodrin
74	17.85	17.83	.088945	265751	VV	2.7728	delta-BHC
75	18.10		.127770	280915	VV	0.0000	
76	18.35	18.35	.080836	211434	VV	2.0596	Heptachlor-epoxide
77	18.49		.084952	71414	VV	0.0000	
78	18.65		.109925	418413	VV	0.0000	
79	18.76		.074832	143643	VV	0.0000	
80	18.91		.123408	115560	VV	0.0000	
81	19.07		.114088	57569	VV	0.0000	
82	19.35	19.35	.075704	520916	VV	4.7709	gamma-Chlordane
83	19.53	19.51	.079586	1992307	VV	18.8534	alpha-Chlordane
84	19.80	19.80	.107342	505975	VV	5.3530	4,4'-DDE
85	20.01		.092008	650311	VV	0.0000	
86	20.21		.142862	133912	VV	0.0000	
87	20.46		.102253	290823	VV	0.0000	
88	20.58		.085311	68719	VV	0.0000	
89	20.76		.095892	430316	VV	0.0000	
90	20.93	20.91	.097793	127911	VV	1.6757	Endrin
91	21.13		.096871	466198	VV	0.0000	
92	21.42		.091665	70483	VV	0.0000	
93	21.51		.085436	136602	VV	0.0000	
94	21.65	21.68	.078713	86409	VV	2.2295	Chlorobenzilate

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	21.77		.092454	461935	VV	0.0000	
96	21.98		.083037	86612	VV	0.0000	
97	22.17	22.16	.124149	1110028	VV	15.0745	4,4'-DDD
98	22.41	22.34	.129663	138826	VV	1.6247	Endosulfan II
99	22.65	22.65	.100465	267439	VV	4.1909	4,4'-DDT
100	22.87		.134151	73359	VV	0.0000	
101	23.06		.129164	185770	VV	0.0000	
102	23.19		.096188	236862	VV	0.0000	
103	23.33		.099269	53255	VV	0.0000	
104	23.47		.088557	35372	VV	0.0000	
105	23.55		.138872	59748	VV	0.0000	
106	23.76		.096784	29404	VV	0.0000	
107	23.89		.107085	100036	VV	0.0000	
108	24.13		.151440	176480	VV	0.0000	
109	24.49		.156989	26080	VV	0.0000	
110	24.69	24.68	.149485	24484	VV	.7170	Methoxychlor
111	24.94		.188497	56742	VV	0.0000	
112	25.19		.100276	25032	VV	0.0000	
113	25.42		.119113	80340	VV	0.0000	
114	25.56		.081883	6159	VB	0.0000	
115	25.86		.117434	19053	BV	0.0000	
116	26.10		.146970	28069	VV	0.0000	
117	26.46		.127484	39884	VV	0.0000	
118	26.67		.163527	20902	VV	0.0000	
119	26.94		.132070	56864	PV	0.0000	
120	27.34		.163406	126906	VV	0.0000	
121	27.56		.106679	43876	VV	0.0000	
122	27.70		.163369	147205	VV	0.0000	
123	28.21		.176084	162078	VV	0.0000	
124	28.52		.201623	145398	VV	0.0000	
125	28.67		.100335	42346	VV	0.0000	
126	28.88	#28.88	.096433	447426	VV	4.5236	Decachlorobiphenyl
127	29.12		.197760	209914	VV	0.0000	
128	29.43		.162695	433182	VV	0.0000	
129	29.83		.180415	239404	VV	0.0000	
130	30.13		.194479	72566	VV	0.0000	
131	30.57		.214098	392551	VV	0.0000	
132	30.82		.141388	112980	VV	0.0000	
133	30.96		.198995	123036	VV	0.0000	
134	31.26		.156285	109631	VV	0.0000	
135	31.49		.252756	273906	VV	0.0000	
136	31.77		.179244	180485	VV	0.0000	
137	32.01		.195883	136829	VV	0.0000	
138	32.28		.240417	136312	VV	0.0000	
139	32.60		.193962	52982	VV	0.0000	

Total Area : 17875128 Total PPB : 68.449

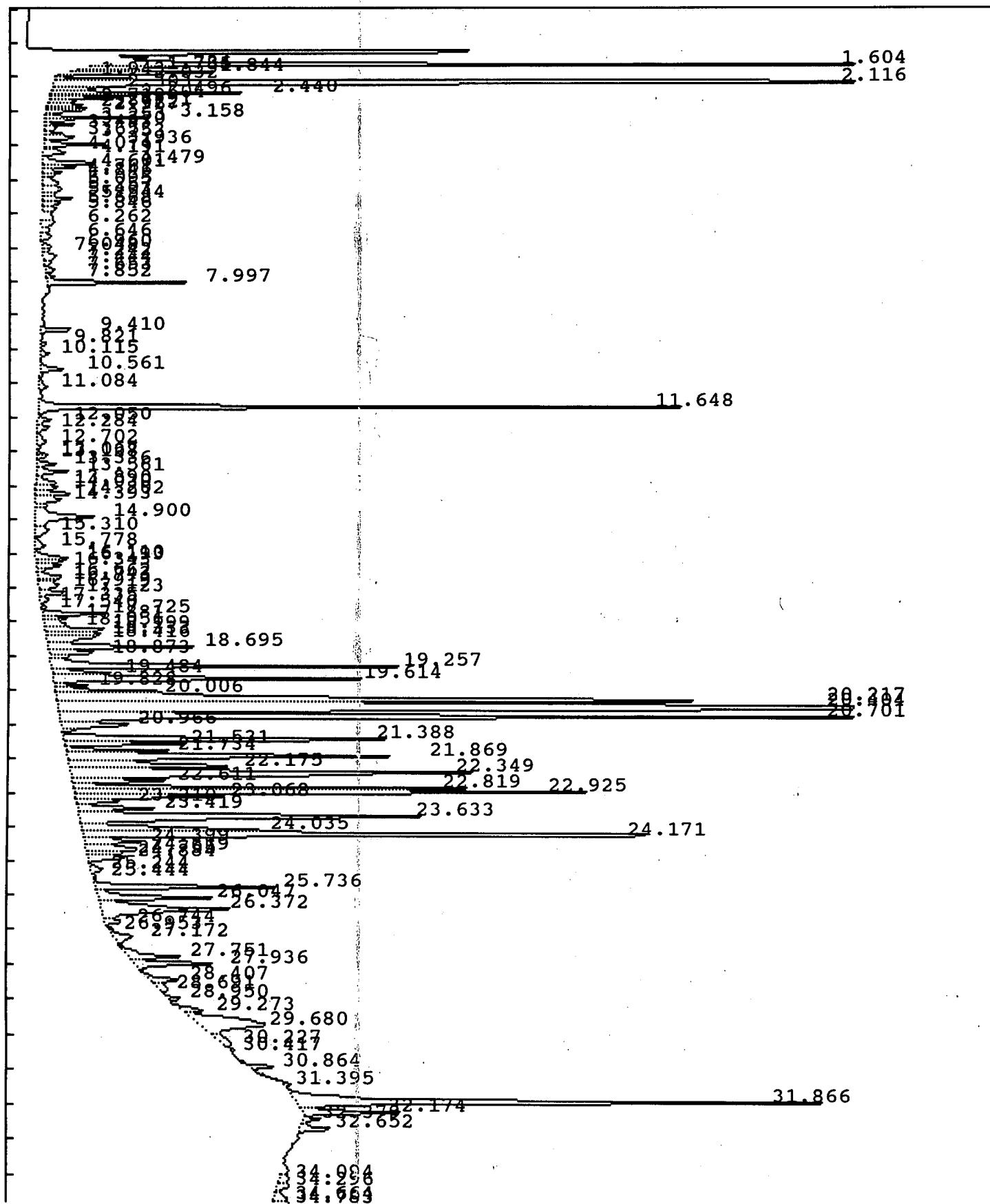
Report Time : 1343 01May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524087.RES

4/5/12/98

0093

IEA Pesticide Standard Report

Sample Name : 980920A-11 CDY-011 A/S Inj on 2039 05May1998
Result File : /HP58904B/RESULT/B4509127.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-11 CDY-011 A/S Report No : 43.10
 Result File : /HP58904B/RESULT/B4509127.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 2039 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 28 Bottle no. : 28

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.60		.045601	880092	BV	0.0000	
2	1.73		.044623	48936	PV	0.0000	
3	1.78		.035184	37146	VV	0.0000	
4	1.84		.055356	166970	VV	0.0000	
5	1.94		.033610	8918	VV	0.0000	
6	2.03		.038719	53722	PV	0.0000	
7	2.12		.057266	2034426	VV	0.0000	
8	2.30		.069627	53697	VV	0.0000	
9	2.44		.050797	175524	VV	0.0000	
10	2.50		.050379	65735	VV	0.0000	
11	2.60		.048072	58202	VV	0.0000	
12	2.71		.068860	31679	VV	0.0000	
13	2.79		.053258	36120	VV	0.0000	
14	2.88		.047140	31494	VV	0.0000	
15	2.92		.043969	25285	VV	0.0000	
16	2.97		.059521	31519	VV	0.0000	
17	3.16		.058688	106490	PV	0.0000	
18	3.25		.064352	20511	VV	0.0000	
19	3.37		.050897	26489	VV	0.0000	
20	3.49		.077367	17119	VV	0.0000	
21	3.65		.068596	29922	VV	0.0000	
22	3.75		.057147	40867	VV	0.0000	
23	3.94		.076850	74343	VV	0.0000	
24	4.07		.065401	12790	VV	0.0000	
25	4.19		.112339	36146	VV	0.0000	
26	4.48		.084057	85946	VV	0.0000	
27	4.60		.076130	39107	VV	0.0000	
28	4.76		.094975	27425	VV	0.0000	
29	4.85		.065665	12622	VV	0.0000	
30	5.10		.201454	49376	VV	0.0000	
31	5.26		.166488	47606	VV	0.0000	
32	5.40		.071722	14778	VV	0.0000	
33	5.54		.092060	46377	VV	0.0000	
34	5.67		.145296	36282	VV	0.0000	
35	5.85		.110656	24931	VV	0.0000	
36	6.26		.132143	28146	VV	0.0000	
37	6.65		.153848	23415	VV	0.0000	
38	6.96		.133985	18796	PV	0.0000	
39	7.05		.097092	9981	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
40	7.24		.189242		36856	VV	0.0000	
41	7.44		.091333		11132	VV	0.0000	
42	7.65		.128602		18793	VV	0.0000	
43	7.85		.081012		11764	VV	0.0000	
44	8.00		.079980		169260	VV	0.0000	
45	9.41		.086921		48995	VV	0.0000	
46	9.82		.104250		8303	PV	0.0000	
47	10.12		.099044		14025	VB	0.0000	
48	10.56		.123950		43969	BV	0.0000	
49	11.08		.148276		20236	PV	0.0000	
50	11.65	11.64	.076434		761319	VV	4.8014	Tetrachloro-m-xylene
51	12.05		.136017		26429	VV	0.0000	
52	12.28		.116123		23818	VV	0.0000	
53	12.70		.177620		25726	VV	0.0000	
54	13.07		.084202		12673	PV	0.0000	
55	13.13		.077828		10651	VV	0.0000	
56	13.34		.102814		32997	VV	0.0000	
57	13.56		.107491		52756	VV	0.0000	
58	13.89		.134565		42735	VV	0.0000	
59	14.03	14.07	.116657		38820	VV	.1958	alpha-BHC
60	14.20		.120825		63683	VV	0.0000	
61	14.39		.145643		56666	VV	0.0000	
62	14.90		.214526		183784	VV	0.0000	
63	15.31	15.41	.205545		40614	VV	.2067	gamma-BHC (Lindane)
64	15.78		.167329		26062	VV	0.0000	
65	16.11		.118538		56367	PV	0.0000	
66	16.19		.092408		38850	VV	0.0000	
67	16.34		.108816		42067	VV	0.0000	
68	16.66		.111364		41616	VV	0.0000	
69	16.74	16.75	.071883		19019	VV	.0952	Heptachlor
70	16.92	16.87	.179730		52000	VV	.2844	delta-BHC
71	17.12		.101021		45817	VV	0.0000	
72	17.34		.147857		17961	VV	0.0000	
73	17.54		.064176		6870	PV	0.0000	
74	17.73		.092987		93006	VV	0.0000	
75	17.88	17.85	.093813		34676	VV	.1832	Aldrin
76	18.06		.133663		45198	VV	0.0000	
77	18.20		.103985		99250	VV	0.0000	
78	18.33		.107903		82942	VV	0.0000	
79	18.42		.146722		109193	VV	0.0000	
80	18.69		.093365		205458	VV	0.0000	
81	18.87		.131331		90243	VV	0.0000	
82	19.26	19.22	.091803		484046	VV	3.2755	Isodrin
83	19.48		.104342		92519	VV	0.0000	
84	19.61	19.61	.098018		449119	VV	2.4257	Heptachlor-epoxide
85	19.83		.079602		41088	VV	0.0000	
86	20.01		.093022		167699	VV	0.0000	
87	20.22	20.22	.112340		1233904	VV	6.3691	gamma-Chlordane
88	20.40		.121605		3414953	VV	0.0000	
89	20.70	20.70	.086192		1510043	VV	8.5037	alpha-Chlordane
90	20.97		.141712		138251	VV	0.0000	
91	21.39	21.40	.096553		527897	PV	3.2214	4,4'-DDE
92	21.53		.081601		151067	VV	0.0000	
93	21.73	21.69	.080126		126474	VV	.7574	Dieldrin
94	21.87		.115378		591348	VV	0.0000	

2/5/1988

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	22.18		.139525	340009	VV	0.0000	
96	22.35	22.41	.145797	876149	VV	5.6860	Chlorobenzilate
97	22.61		.096992	137152	VV	0.0000	
98	22.82	22.74	.082080	506033	VV	3.7076	
99	22.92		.089301	719256	VV	0.0000	
100	23.07	23.07	.090563	201304	VV	1.5460	
101	23.21	23.31	.099258	62263	VV	.4467	Endrin
102	23.42		.101009	117112	VV	0.0000	
103	23.63		.157327	756001	VV	0.0000	
104	24.03		.109416	276619	VV	0.0000	
105	24.17	24.15	.113231	1074329	VV	7.5736	
106	24.40	24.36	.111032	93605	VV	.8033	
107	24.64		.167582	130646	VV	0.0000	
108	24.75		.089910	46068	VV	0.0000	
109	24.88	24.98	.125749	73101	VV	.5069	
110	25.24		.154363	27527	PV	0.0000	
111	25.44		.137017	5880	VV	0.0000	
112	25.74		.100842	264649	VV	0.0000	
113	26.05		.117480	195915	VV	0.0000	
114	26.37		.188758	365762	VV	0.0000	
115	26.74		.105934	26888	VV	0.0000	
116	26.95		.083521	6803	PV	0.0000	
117	27.17	27.20	.211996	60458	VV	1.1235	Methoxychlor
118	27.75		.141388	107036	PV	0.0000	
119	27.94		.117464	145310	BV	0.0000	
120	28.41		.142771	61811	BV	0.0000	
121	28.69		.221092	32280	VV	0.0000	
122	28.95		.104936	22663	BV	0.0000	
123	29.27		.139236	45591	BV	0.0000	
124	29.68		.330962	321293	VV	0.0000	
125	30.23		.345467	52141	VV	0.0000	
126	30.42		.148405	9513	VV	0.0000	
127	30.86		.096024	41019	BB	0.0000	
128	31.39		.191820	23982	BB	0.0000	
129	31.87	#31.88	.119456	922679	BV	8.0347	Decachlorobiphenyl
130	32.17		.104618	150443	BV	0.0000	
131	32.38		.104377	26015	BV	0.0000	
132	32.65		.104595	50767	VV	0.0000	
133	34.09		.187299	25913	VV	0.0000	
134	34.30		.160651	27996	VV	0.0000	
135	34.66		.175063	31672	VV	0.0000	
136	34.78		.133037	29092	BV	0.0000	

Total Area : 24850696 Total PPB : 59.748

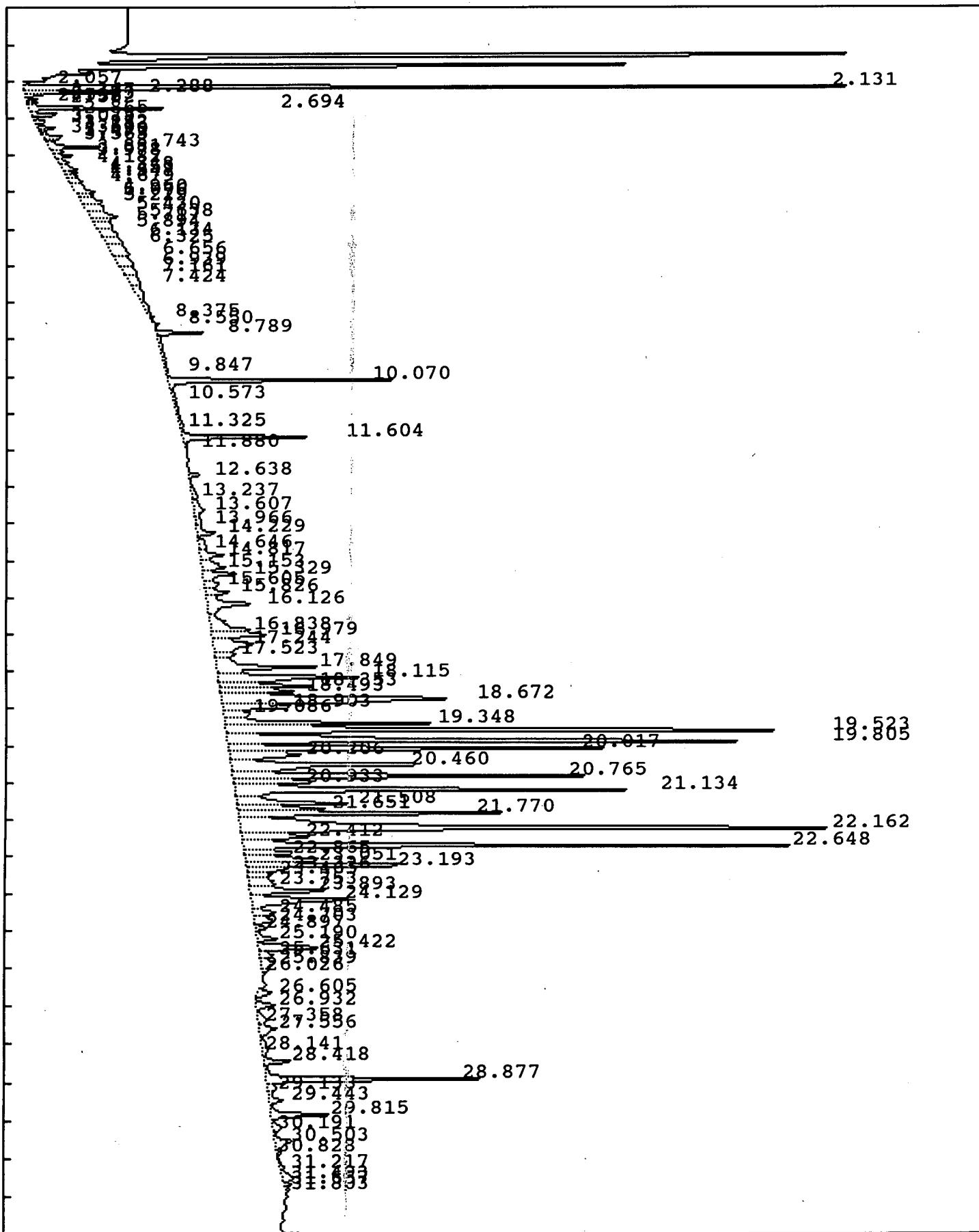
Report Time : 1857 11May1998
 Method : /DATA/LOOP/METHOD/B4509_127.MT
 Result File : /HP58904B/RESULT/B4509127.RES

0098

IEA Pesticide Standard Report

Sample Name : 980920A-12 CDY-012 DF=2 A/S
Result File : /DATA/LOOP/RESULT/A4524120.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0453 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-12 CDY-012 DF=2 A/S Report No : 14.00
 Result File : /DATA/LOOP/RESULT/A4524120.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0453 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 21 Bottle no. : 21

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.06		.027193	2094	BV	0.0000	
2	2.13		.041122	790978	VV	0.0000	
3	2.29		.038678	57753	VV	0.0000	
4	2.37		.047501	6627	VV	0.0000	
5	2.47		.036939	6172	PV	0.0000	
6	2.54		.034982	3974	VV	0.0000	
7	2.58		.062199	8144	VV	0.0000	
8	2.69		.038600	100992	VV	0.0000	
9	2.87		.084365	27767	VV	0.0000	
10	3.02		.048779	5540	VV	0.0000	
11	3.08		.066228	7841	VV	0.0000	
12	3.23		.068035	15763	PV	0.0000	
13	3.28		.034632	3530	VV	0.0000	
14	3.35		.046770	3189	VV	0.0000	
15	3.41		.047534	3632	VV	0.0000	
16	3.48		.068761	18715	VV	0.0000	
17	3.57		.059132	7494	VV	0.0000	
18	3.74		.068359	49329	VV	0.0000	
19	3.88		.064201	9537	VV	0.0000	
20	3.98		.081703	18892	VV	0.0000	
21	4.18		.107210	12417	VV	0.0000	
22	4.35		.100407	21625	VV	0.0000	
23	4.45		.069973	10916	VV	0.0000	
24	4.55		.070086	9257	VV	0.0000	
25	4.68		.111793	18644	VV	0.0000	
26	4.96		.162078	40403	VV	0.0000	
27	5.08		.096376	16402	VV	0.0000	
28	5.23		.135849	34527	VV	0.0000	
29	5.43		.201676	41053	VV	0.0000	
30	5.64		.149340	46577	VV	0.0000	
31	5.72		.071688	15378	VV	0.0000	
32	5.89		.170029	30313	VV	0.0000	
33	6.13		.222250	41295	VV	0.0000	
34	6.33		.167800	32260	VV	0.0000	
35	6.66		.319196	63882	VV	0.0000	
36	6.94		.238956	39474	VV	0.0000	
37	7.16		.215207	33367	VV	0.0000	
38	7.42		.272446	32569	VV	0.0000	
39	8.37		1.061058	49149	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	8.55		.073344	4552	VB	0.0000	
41	8.79		.068394	38405	BV	0.0000	
42	9.85		.984417	26271	VV	0.0000	
43	10.07	10.06	.071081	200605	PV	1.8600	Tetrachloro-m-xylene
44	10.57		.224516	7913	VV	0.0000	
45	11.32		.574566	20097	VV	0.0000	
46	11.60		.074592	126488	VV	0.0000	
47	11.88		.138576	2955	VB	0.0000	
48	12.64		.085065	11971	VV	0.0000	
49	13.24		.252188	17886	VV	0.0000	
50	13.61		.261447	32148	VV	0.0000	
51	13.97		.217297	13258	VV	0.0000	
52	14.23		.124439	28405	VV	0.0000	
53	14.65	14.66	.281590	22674	PV	.1983	gamma-BHC (Lindane)
54	14.82		.129148	34565	VV	0.0000	
55	15.15		.179106	47229	VV	0.0000	
56	15.33	15.33	.124953	51651	VV	.4427	Heptachlor
57	15.60		.164211	26607	VV	0.0000	
58	15.83		.114907	30716	VV	0.0000	
59	16.13		.181466	92715	VV	0.0000	
60	16.84		.199092	86200	VV	0.0000	
61	16.98		.132578	87344	VV	0.0000	
62	17.24		.227642	102360	VV	0.0000	
63	17.52	17.48	.114710	26364	VV	.3060	Isodrin
64	17.85	17.83	.130055	151922	VV	1.5851	delta-BHC
65	18.11		.128542	208224	VV	0.0000	
66	18.35	18.35	.098439	106179	VV	1.0343	Heptachlor epoxide
67	18.49		.095938	81509	VV	0.0000	
68	18.67		.149870	420684	VV	0.0000	
69	18.90		.109398	89596	VV	0.0000	
70	19.09		.175144	51463	VV	0.0000	
71	19.35	19.35	.083730	204179	VV	1.8700	gamma-Chlordane
72	19.52	19.51	.083941	616279	VV	5.8319	alpha-Chlordane
73	19.81	19.80	.088450	624807	VV	6.6102	4,4'-DDE
74	20.02		.089263	381994	VV	0.0000	
75	20.21		.153409	117917	VV	0.0000	
76	20.46		.120286	298784	VV	0.0000	
77	20.76		.090741	363069	VV	0.0000	
78	20.93	20.91	.093672	90614	VV	1.1871	Endrin
79	21.13		.091696	439923	VV	0.0000	
80	21.51		.113844	151653	VV	0.0000	
81	21.65	21.68	.078973	81295	VV	2.0975	Chlorobenzilate
82	21.77		.087132	292627	VV	0.0000	
83	22.16	22.16	.119820	882988	VV	11.9912	4,4'-DDD
84	22.41	22.34	.132601	95604	VV	1.1189	Endosulfan II
85	22.65	22.65	.078155	510099	VV	7.9934	4,4'-DDT
86	22.87		.118724	68793	VV	0.0000	
87	23.05		.126219	104677	VV	0.0000	
88	23.19		.090536	186321	VV	0.0000	
89	23.33		.090854	39242	VV	0.0000	
90	23.47		.100057	27815	VV	0.0000	
91	23.75		.225514	64542	VV	0.0000	
92	23.89		.110858	98118	VV	0.0000	
93	24.13		.143994	159549	VV	0.0000	
94	24.48		.141196	34968	VV	0.0000	

M/S/1245

0101

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	24.70	24.72	.160111	30432	VV	.3739	Endosulfan sulfate
96	24.90		.092384	12008	VV	0.0000	
97	25.19		.116365	26442	VV	0.0000	
98	25.42		.121804	81356	VV	0.0000	
99	25.63		.134127	20893	VV	0.0000	
100	25.84		.171161	25213	VV	0.0000	
101	26.03		.104085	7543	VB	0.0000	
102	26.61		.132371	20596	VV	0.0000	
103	26.93		.127224	26990	PV	0.0000	
104	27.36		.241239	19803	VV	0.0000	
105	27.56		.166073	32262	VV	0.0000	
106	28.14		.309492	18645	VV	0.0000	
107	28.42		.097529	31066	VV	0.0000	
108	28.88	#28.88	.092849	220517	VV	2.2295	Decachlorobiphenyl
109	29.14		.149341	14199	VV	0.0000	
110	29.44		.152884	24245	VV	0.0000	
111	29.81		.110607	69250	VV	0.0000	
112	30.19		.214702	19670	VV	0.0000	
113	30.50		.185088	35942	VV	0.0000	
114	30.83		.110937	4908	VV	0.0000	
115	31.22		.154828	8330	PV	0.0000	
116	31.49		.185524	24927	VV	0.0000	
117	31.66		.096000	7077	VV	0.0000	
118	31.80		.128339	5395	VV	0.0000	

Total Area : 10710000 Total PPB : 46.730

Report Time : 0527 05May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524120.RES

0102

IEA Pesticide Standard Report

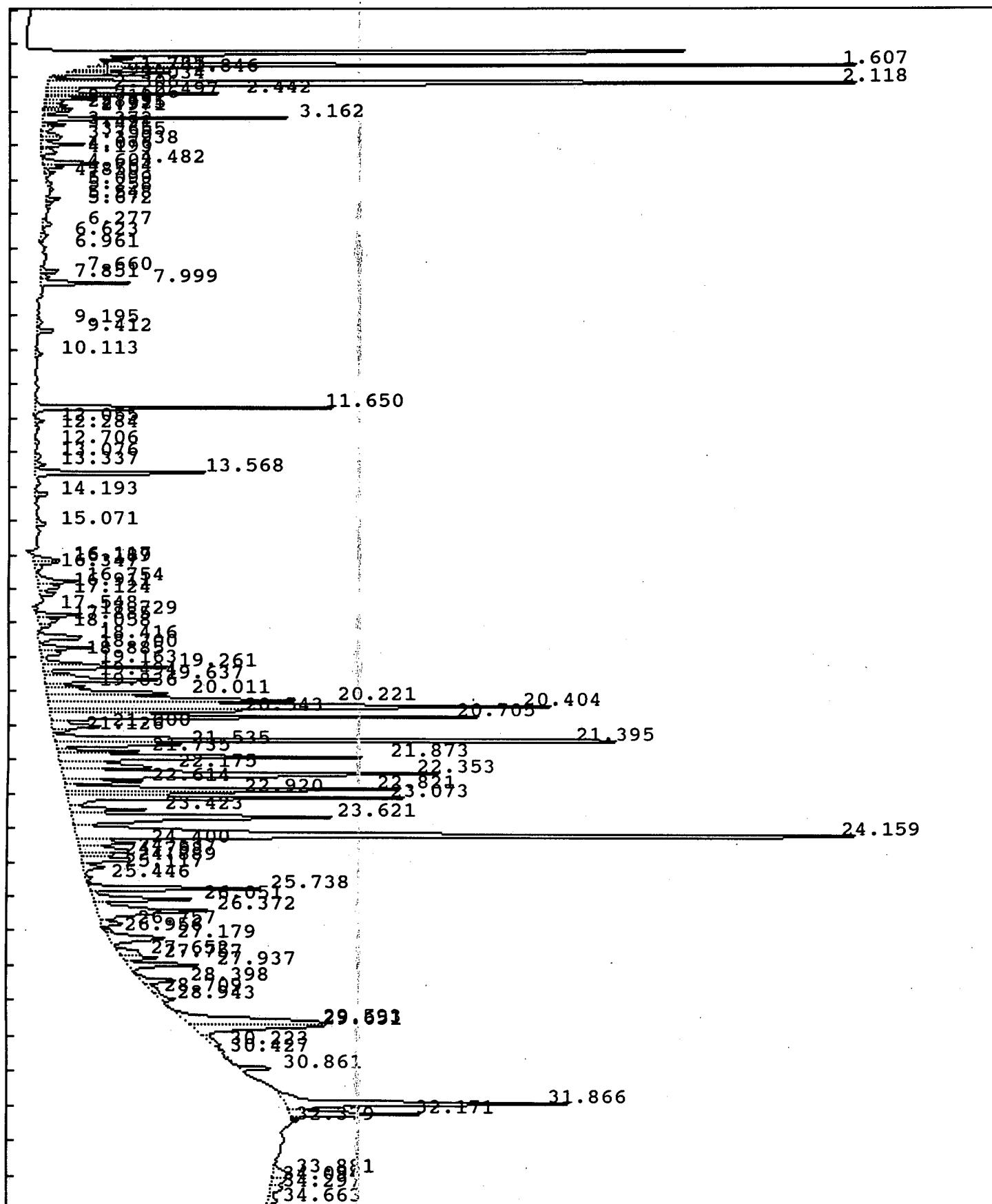
Sample Name : 980920A-12 CDY-012 DF=2 Inj on 2125 05May1998

Result File : /HP58904B/RESULT/B4509128.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-12 CDY-012 DF=2 A/S Report No : 44.10
 Result File : /HP58904B/RESULT/B4509128.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 2125 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 29 Bottle no. : 29

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.61		.044634	974379	BV	0.0000	
2	1.73		.040770	31932	PV	0.0000	
3	1.79		.031293	19558	VV	0.0000	
4	1.85		.053290	131419	VV	0.0000	
5	1.95		.032265	8059	VV	0.0000	
6	2.03		.040920	49808	PV	0.0000	
7	2.12		.054831	1838472	VV	0.0000	
8	2.31		.073951	46585	VV	0.0000	
9	2.44		.048259	154043	VV	0.0000	
10	2.50		.047644	50975	VV	0.0000	
11	2.61		.046404	44257	VV	0.0000	
12	2.71		.063699	20961	VV	0.0000	
13	2.79		.051019	22396	VV	0.0000	
14	2.88		.045651	22540	VV	0.0000	
15	2.92		.042956	17752	VV	0.0000	
16	2.97		.058036	22495	VV	0.0000	
17	3.16		.056090	248423	PV	0.0000	
18	3.37		.050131	21463	PV	0.0000	
19	3.49		.086163	15523	VV	0.0000	
20	3.66		.067025	23127	VV	0.0000	
21	3.76		.056865	28797	VV	0.0000	
22	3.94		.075094	53570	VV	0.0000	
23	4.08		.067265	9604	VV	0.0000	
24	4.19		.098382	22815	VV	0.0000	
25	4.48		.076892	84632	PV	0.0000	
26	4.60		.068452	22778	VV	0.0000	
27	4.76		.076873	12829	VV	0.0000	
28	4.85		.056373	4641	VV	0.0000	
29	5.10		.129595	9617	PV	0.0000	
30	5.26		.075705	5781	VV	0.0000	
31	5.55		.065143	17353	PV	0.0000	
32	5.67		.102849	9090	VV	0.0000	
33	6.28		.108940	18618	VV	0.0000	
34	6.62		.165380	16713	VV	0.0000	
35	6.96		.078339	4094	PV	0.0000	
36	7.66		.085605	27410	PV	0.0000	
37	7.85		.094695	13724	VV	0.0000	
38	8.00		.079576	110422	VV	0.0000	
39	9.19		.115791	9851	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	9.41		.090095	29247	PV	0.0000	
41	10.11		.098597	9633	PV	0.0000	
42	11.65	11.64	.074559	346951	VV	2.1881	Tetrachloro-m-xylene
43	12.06		.106869	13165	PV	0.0000	
44	12.28		.063735	4183	VV	0.0000	
45	12.71		.137588	11199	BV	0.0000	
46	13.08		.159419	15240	VV	0.0000	
47	13.34		.105686	18446	VV	0.0000	
48	13.57		.076881	227978	VV	0.0000	
49	14.19		.093525	20427	PV	0.0000	
50	15.07		.121075	18299	VV	0.0000	
51	16.12		.104521	40007	BV	0.0000	
52	16.19		.090220	34914	VV	0.0000	
53	16.35		.114547	14409	VV	0.0000	
54	16.75	16.75	.110685	71307	VV	.3570	
55	16.91	16.87	.134749	43732	VV	.2392	Heptachlor delta-BHC
56	17.12		.087211	26657	VB	0.0000	
57	17.55		.062010	5136	PB	0.0000	
58	17.73		.087165	64755	BV	0.0000	
59	17.89	17.85	.134762	45512	VV	.2405	Aldrin
60	18.06		.085651	16306	VV	0.0000	
61	18.42		.137746	96665	BV	0.0000	
62	18.70		.089567	70173	VV	0.0000	
63	18.89		.136921	44039	VV	0.0000	
64	19.16		.079491	46558	VV	0.0000	
65	19.26	19.22	.091759	173185	VV	1.1719	Isodrin
66	19.49		.085815	43776	VV	0.0000	
67	19.64	19.61	.114919	200399	VV	1.0824	Heptachlor epoxide
68	19.84		.094087	56231	VV	0.0000	
69	20.01		.108787	212419	VV	0.0000	
70	20.22	20.22	.118127	472975	VV	2.4414	gamma-Chlordane
71	20.40		.135738	1035172	VV	0.0000	
72	20.54		.081346	218025	VV	0.0000	
73	20.70	20.70	.088004	584815	VV	3.2934	alpha-Chlordane
74	21.00		.133399	93130	VV	0.0000	
75	21.13		.087294	23521	VB	0.0000	
76	21.40	21.40	.082004	912109	BV	5.5660	4,4'-DDE
77	21.53		.083441	164401	VV	0.0000	
78	21.73	21.69	.077141	99122	VV	.5936	Dieldrin
79	21.87		.105584	496580	VV	0.0000	
80	22.17		.145865	207427	VV	0.0000	
81	22.35	22.41	.135515	784050	VV	5.0883	Chlorobenzilate
82	22.61		.090947	110947	VV	0.0000	
83	22.82	22.74	.090450	485517	VV	3.5573	Endrin
84	22.92		.073614	177750	VV	0.0000	
85	23.07	23.07	.088743	467349	VV	3.5892	4,4'-DDD
86	23.42		.094855	108164	VV	0.0000	
87	23.62		.152642	574551	VV	0.0000	
88	24.16	24.15	.130257	1810690	VV	12.7647	4,4'-DDT
89	24.40	24.36	.116324	94763	VV	.8133	Endrin aldehyde
90	24.64		.160644	118664	VV	0.0000	
91	24.76		.084253	39419	VV	0.0000	
92	24.89	24.98	.124574	97960	VV	.6793	Endosulfan sulfate
93	25.12		.120604	38334	VV	0.0000	
94	25.45		.114978	10678	VV	0.0000	

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	25.74		.100594	249029	BV	0.0000	
96	26.05		.115573	165035	VV	0.0000	
97	26.37		.179379	304735	VV	0.0000	
98	26.76		.109043	34202	VB	0.0000	
99	26.96		.071962	9033	BV	0.0000	
100	27.18	27.20	.184391	142986	VB	2.6571	
101	27.65	27.63	.183092	53858	BV	.3744	Methoxychlor Endrin-ketone
102	27.76		.102488	54797	VV	0.0000	
103	27.94		.112323	124428	VB	0.0000	
104	28.40		.130655	68427	BV	0.0000	
105	28.71		.214145	23860	VV	0.0000	
106	28.94		.148797	34075	VB	0.0000	
107	29.59		.187425	355947	BV	0.0000	
108	29.65		.146323	272643	VV	0.0000	
109	30.22		.323043	39083	VV	0.0000	
110	30.43		.188678	9975	VV	0.0000	
111	30.86		.087796	47374	PB	0.0000	
112	31.87	#31.88	.126072	525130	BV	4.5729	Decachlorobiphenyl
113	32.17		.102071	193751	VB	0.0000	
114	32.38		.058930	6241	BV	0.0000	
115	33.88		.252232	53773	PV	0.0000	
116	34.09		.149968	28360	VV	0.0000	
117	34.30		.187432	33025	VV	0.0000	
118	34.66		.184930	24574	VV	0.0000	

Total Area : 18347912 Total PPB : 51.270

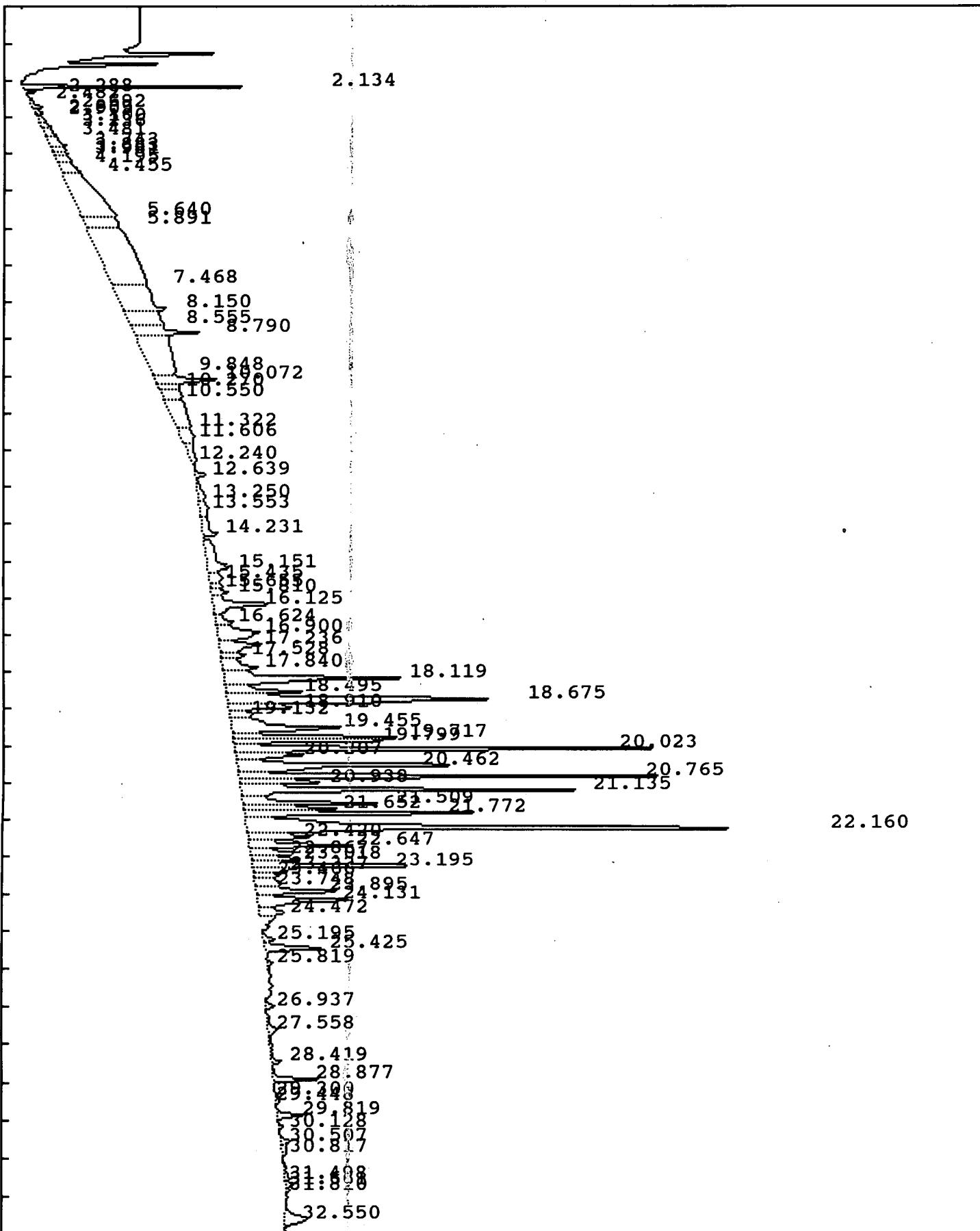
Report Time : 1901 11May1998
 Method : /DATA/LOOP/METHOD/B4509_128.MT
 Result File : /HP589043/RESULT/B4509128.RES

0107

IEA Pesticide Standard Report

Sample Name : 980920A-13 CDY-013 DF=10 A/S
Result File : /DATA/LOOP/RESULT/A4524121.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0539 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-13 CDY-013 DF=10 A/S Report No : 15.00
 Result File : /DATA/LOOP/RESULT/A4524121.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0539 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 22 Bottle no. : 22

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.040102	142293	PV	0.0000	
2	2.29		.035767	5985	VV	0.0000	
3	2.48		.064996	2644	VV	0.0000	
4	2.69		.081972	14510	VV	0.0000	
5	2.87		.106611	9775	VV	0.0000	
6	2.91		.044510	3492	VV	0.0000	
7	3.10		.165973	12333	VV	0.0000	
8	3.24		.103873	11068	VV	0.0000	
9	3.48		.192456	26035	VV	0.0000	
10	3.74		.197449	39424	VV	0.0000	
11	3.88		.114891	19137	VV	0.0000	
12	3.98		.082127	12883	VV	0.0000	
13	4.19		.184840	32491	VV	0.0000	
14	4.46		.220925	45292	VV	0.0000	
15	5.64		.910008	354549	VV	0.0000	
16	5.89		.245393	89136	VV	0.0000	
17	7.47		1.602830	618990	VV	0.0000	
18	8.15		.521389	264122	VV	0.0000	
19	8.55		.357663	135360	VV	0.0000	
20	8.79		.164010	124195	VV	0.0000	
21	9.85		1.174393	319876	VV	0.0000	
22	10.07	10.06	.138833	100685	VV	.9336	Tetrachloro-m-xylene
23	10.27		.131308	31142	VV	0.0000	
24	10.55		.270889	57622	VV	0.0000	
25	11.32		.842809	137942	VV	0.0000	
26	11.61		.313542	52913	VV	0.0000	
27	12.24		.575615	40804	VB	0.0000	
28	12.64		.105439	13923	BV	0.0000	
29	13.25		.321394	27510	VV	0.0000	
30	13.55		.350178	36217	VV	0.0000	
31	14.23		.247481	44505	VV	0.0000	
32	15.15		.456059	104427	PV	0.0000	
33	15.43		.225673	34171	VV	0.0000	
34	15.66		.135309	18609	VV	0.0000	
35	15.81		.128336	24127	VV	0.0000	
36	16.12		.168932	115385	VV	0.0000	
37	16.62		.178034	35391	VV	0.0000	
38	16.90		.264302	124448	VV	0.0000	
39	17.24		.198272	92422	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	17.53	17.48	.121634	34022	VV	.3948	Isodrin
41	17.84	17.83	.205217	78736	VV	.8215	delta-BHC
42	18.12		.133622	271473	VV	0.0000	
43	18.49		.126658	112170	VV	0.0000	
44	18.68		.135671	449025	VV	0.0000	
45	18.91		.098271	75079	VV	0.0000	
46	19.13	19.19	.176155	42179	VV	.4711	Endosulfan-I
47	19.45	19.51	.177607	222764	VV	2.1080	alpha-Chlordane
48	19.72		.078677	154109	VV	0.0000	
49	19.80	19.80	.080741	164084	VV	1.7359	4,4'-DDE
50	20.02		.082335	425023	VV	0.0000	
51	20.21		.137605	104912	VV	0.0000	
52	20.46		.118275	330586	VV	0.0000	
53	20.77		.084982	414651	VV	0.0000	
54	20.94	20.91	.098766	96851	VV	1.2688	Endrin
55	21.14		.092173	377775	VV	0.0000	
56	21.51		.099645	164613	VV	0.0000	
57	21.65	21.68	.083648	91809	VV	2.3688	Chlorobenzilate
58	21.77		.083303	254019	VV	0.0000	
59	22.16	22.16	.118637	775757	VV	10.5350	4,4'-DDD
60	22.42	22.34	.132852	89884	VV	1.0519	Endosulfan-II
61	22.65	22.65	.104668	126519	VV	1.9826	4,4'-DDT
62	22.87		.123089	65182	VV	0.0000	
63	23.02		.110680	61781	VV	0.0000	
64	23.19		.091978	194830	VV	0.0000	
65	23.33		.092501	38612	VV	0.0000	
66	23.47		.104310	31882	VV	0.0000	
67	23.75		.224540	60482	VV	0.0000	
68	23.90		.113557	112219	VV	0.0000	
69	24.13		.148935	160537	VV	0.0000	
70	24.47		.158084	43461	VV	0.0000	
71	25.19		.117261	16080	PV	0.0000	
72	25.43		.120200	76495	VV	0.0000	
73	25.82		.135746	9079	VV	0.0000	
74	26.94		.108238	11619	PV	0.0000	
75	27.56		.211412	24784	PV	0.0000	
76	28.42		.161436	19550	VV	0.0000	
77	28.88	#28.88	.093505	47364	VV	.4789	Decachlorobiphenyl
78	29.30		.104818	2728	PV	0.0000	
79	29.45		.099626	4821	VV	0.0000	
80	29.82		.102485	30685	VV	0.0000	
81	30.13		.104425	5724	VV	0.0000	
82	30.51		.118410	12893	PV	0.0000	
83	30.82		.287893	14870	VV	0.0000	
84	31.50		.258361	12640	VV	0.0000	
85	31.66		.109470	9357	VV	0.0000	
86	31.81		.102127	3426	VV	0.0000	
87	32.55		.237228	56158	BV	0.0000	

Total Area : 9359138 Total PPB : 24.151

Report Time : 0614 05May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524121.RES

M/S 12/18

0110

IEA Pesticide Standard Report

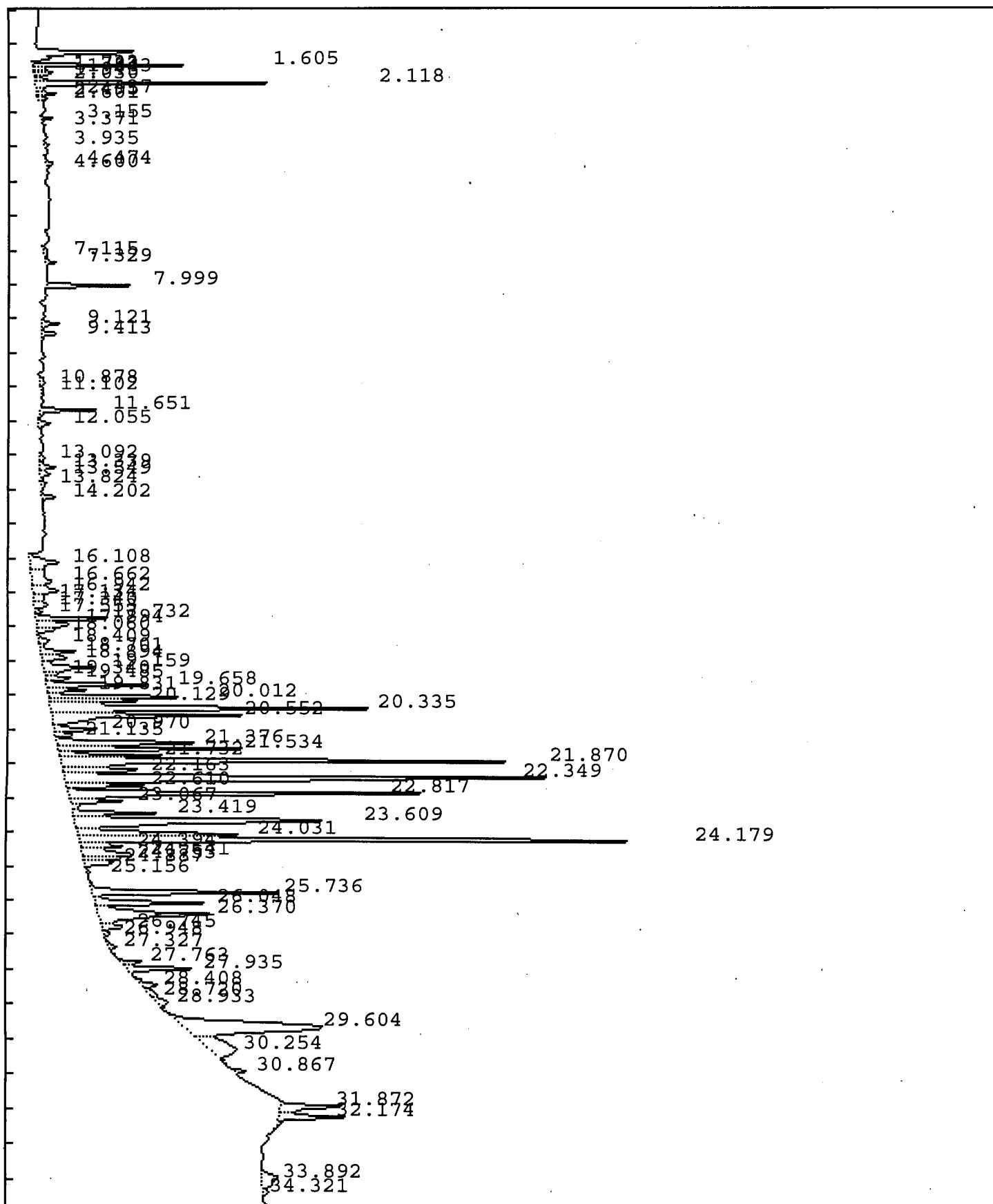
Sample Name : 980920A-13 CDY-013 DF=10Inj on 2211 05May1998

Result File : /HP58904B/RESULT/B4509129.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-13 CDY-013 DF=10 A/S Report No : 45.10
 Result File : /HP58904B/RESULT/B4509129.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 2211 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 30 Bottle no. : 30

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.60		.040733	139794	BV	0.0000	
2	1.73		.060212	12689	VV	0.0000	
3	1.78		.040235	8479	VV	0.0000	
4	1.84		.073281	26529	VV	0.0000	
5	1.95		.056444	8393	VV	0.0000	
6	2.03		.055134	12023	VV	0.0000	
7	2.12		.054262	261505	VV	0.0000	
8	2.44		.059659	21389	VV	0.0000	
9	2.50		.059642	10107	VV	0.0000	
10	2.60		.059963	9851	VV	0.0000	
11	3.16		.059435	13289	VV	0.0000	
12	3.37		.045838	2534	PV	0.0000	
13	3.94		.073165	6849	PV	0.0000	
14	4.47		.082896	12140	PV	0.0000	
15	4.60		.065278	2741	VB	0.0000	
16	7.12		.294189	15926	PV	0.0000	
17	7.33		.088573	15262	VB	0.0000	
18	8.00		.076127	97855	BV	0.0000	
19	9.12		.102979	28074	VV	0.0000	
20	9.41		.104234	25831	VB	0.0000	
21	10.88		.218683	14299	PV	0.0000	
22	11.10		.173637	7919	VV	0.0000	
23	11.65	11.64	.080893	69723	BV	.4397	Tetrachloro-m-xylene
24	12.06		.124018	20789	PV	0.0000	
25	13.09		.166193	11086	VV	0.0000	
26	13.34		.124658	30537	VV	0.0000	
27	13.55		.112114	18085	VV	0.0000	
28	13.82		.127470	12167	VV	0.0000	
29	14.20		.091761	20593	PV	0.0000	
30	16.11		.229967	95968	PV	0.0000	
31	16.66	16.75	.334085	99189	VV	.4966	Heptachlor
32	16.94	16.87	.180179	63988	VV	.3499	delta-BHC
33	17.13		.152401	25520	VV	0.0000	
34	17.34		.161084	31025	VV	0.0000	
35	17.55		.078365	9894	VV	0.0000	
36	17.73		.091927	108617	VV	0.0000	
37	17.89	17.85	.141322	71958	VV	.3803	Aldrin
38	18.06		.105938	26722	VV	0.0000	
39	18.41		.150946	22739	PV	0.0000	Methylchlor

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	18.70		.110043	57879	VV	0.0000	
41	18.89		.151649	57736	VV	0.0000	
42	19.16	19.22	.134049	106073	VV	.7178	Isodrin
43	19.34		.074280	16896	VV	0.0000	
44	19.48		.091779	38993	VV	0.0000	
45	19.66	19.61	.087562	147135	VV	.7947	Heptachlor epoxide
46	19.83		.087162	53338	VV	0.0000	
47	20.01		.088592	192827	VV	0.0000	
48	20.13		.093394	123514	VV	0.0000	
49	20.33		.115836	549883	VV	0.0000	
50	20.55		.122088	361567	VV	0.0000	
51	20.97		.099155	68757	VV	0.0000	
52	21.14		.092993	28672	VV	0.0000	
53	21.38	21.40	.125322	245746	PV	1.4996	4,4'-DDE
54	21.53		.084964	249483	VV	0.0000	
55	21.73	21.69	.076228	123000	VV	.7366	Dieldrin
56	21.87		.102508	735772	VV	0.0000	
57	22.16		.112364	131588	VV	0.0000	
58	22.35	22.41	.132203	975218	VV	6.3290	Chlorobenzilate
59	22.61		.087815	104153	VV	0.0000	
60	22.82	22.74	.099223	552015	VV	4.0445	Endrin
61	23.07	23.07	.101492	79754	VV	.6125	4,4'-DDD
62	23.42		.090054	114436	VV	0.0000	
63	23.61		.150854	593834	VV	0.0000	
64	24.03		.115823	279650	VV	0.0000	
65	24.18	24.15	.103340	927818	VV	6.5408	4,4'-DDT
66	24.39	24.36	.111137	67917	VV	.5829	Endrin aldehyde
67	24.64		.159829	120606	VV	0.0000	
68	24.75		.096141	52646	VV	0.0000	
69	24.89	24.98	.104513	47450	VV	.3291	Endosulfan sulfate
70	25.16		.101302	5355	PV	0.0000	
71	25.74		.103910	286332	PV	0.0000	
72	26.05		.110756	176454	VV	0.0000	
73	26.37		.182598	307145	VV	0.0000	
74	26.75		.121772	40695	VV	0.0000	
75	26.95		.108463	12372	VV	0.0000	
76	27.33		.130300	14828	PV	0.0000	
77	27.76		.089939	31547	BV	0.0000	
78	27.94		.104452	111540	VV	0.0000	
79	28.41		.162043	41655	VV	0.0000	
80	28.72		.199033	22835	VV	0.0000	
81	28.93		.217723	38438	BV	0.0000	
82	29.60		.328706	636545	BV	0.0000	
83	30.25		.467413	189222	VV	0.0000	
84	30.87		.102310	20983	PB	0.0000	
85	31.87	#31.88	.142208	130843	BV	1.1394	Decachlorobiphenyl
86	32.17		.102763	99522	BV	0.0000	
87	33.89		.348668	77071	PV	0.0000	
88	34.32		.159524	14124	VV	0.0000	

Total Area : 10953932 Total PPB : 24.993

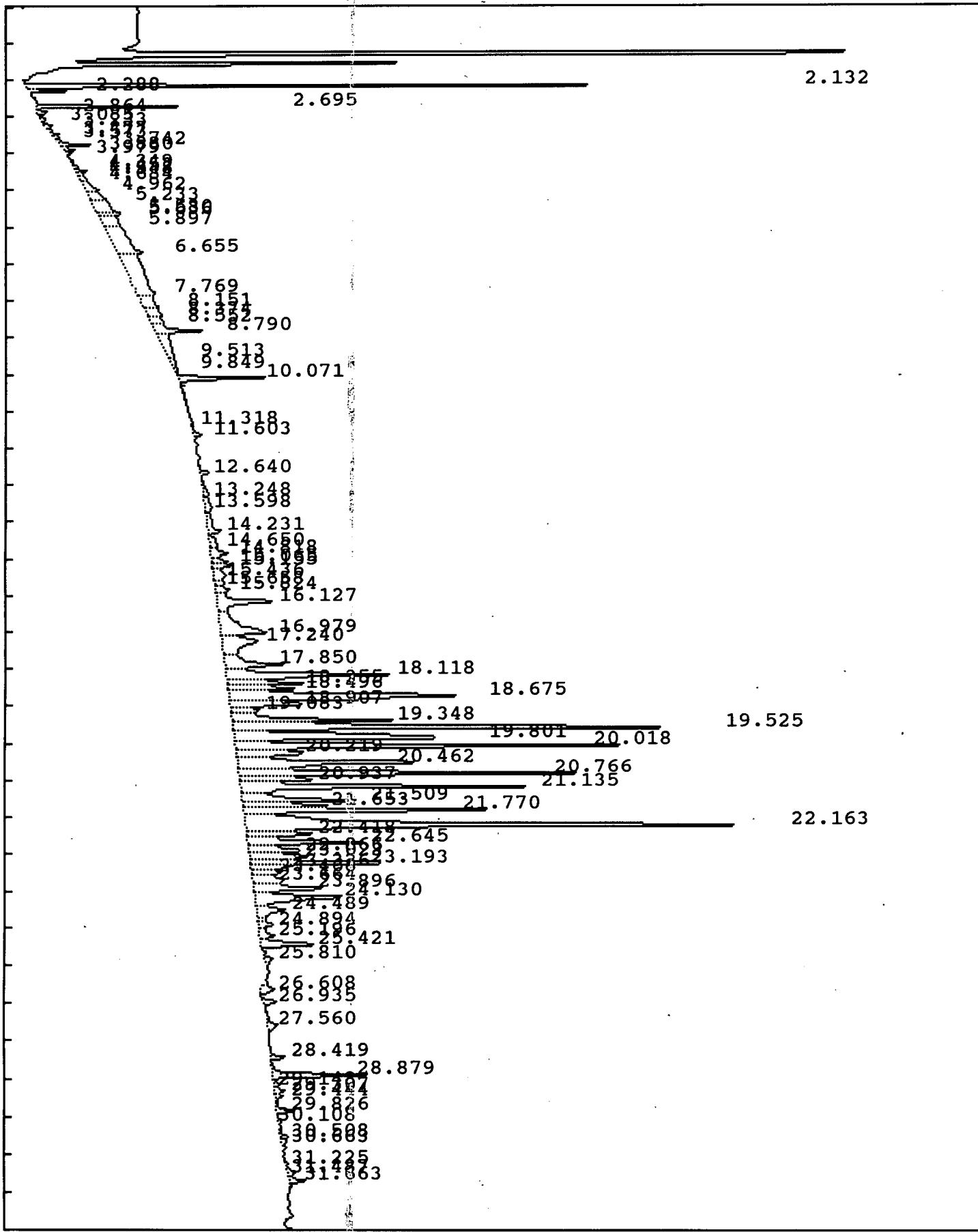
Report Time : 1905 11May1998
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 Result File : /HP58904B/RESULT/B4509129.RES

0114

IEA Pesticide Standard Report

Sample Name : 980920A-14 CDY-014 DF=5 A/S
Result File : /DATA/LOOP/RESULT/A4524122.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0625 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-14 CDY-014 DF=5 A/S Report No : 16.00
 Result File : /DATA/LOOP/RESULT/A4524122.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0625 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 23 Bottle no. : 23

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.041209	381981	VV	0.0000	
2	2.29		.036707	22260	VV	0.0000	
3	2.70		.036946	103016	BV	0.0000	
4	2.86		.081814	10788	VV	0.0000	
5	3.09		.122148	8677	PV	0.0000	
6	3.23		.098090	11203	PV	0.0000	
7	3.48		.110780	11624	VV	0.0000	
8	3.57		.072370	4089	VV	0.0000	
9	3.74		.058387	26414	VV	0.0000	
10	3.88		.057399	9233	VV	0.0000	
11	3.98		.046663	2542	VB	0.0000	
12	4.35		.084781	6023	VV	0.0000	
13	4.45		.062928	9502	VV	0.0000	
14	4.55		.063490	4673	VV	0.0000	
15	4.68		.113317	9798	VV	0.0000	
16	4.96		.186995	30502	VV	0.0000	
17	5.23		.217881	41115	VV	0.0000	
18	5.58		.249815	65851	VV	0.0000	
19	5.64		.075430	18814	VV	0.0000	
20	5.90		.248747	46993	VV	0.0000	
21	6.66		.554065	165511	VV	0.0000	
22	7.77		1.007407	213131	VV	0.0000	
23	8.15		.314769	51209	VV	0.0000	
24	8.37		.208445	33253	VV	0.0000	
25	8.55		.163789	24170	VV	0.0000	
26	8.79		.110756	62030	VV	0.0000	
27	9.51		.837529	58993	VV	0.0000	
28	9.85		.438298	13744	VV	0.0000	
29	10.07	10.06	.071611	78935	VB	.7319	Tetrachloro-m-xylene
30	11.32		.132694	2959	BV	0.0000	
31	11.60		.100653	9987	VB	0.0000	
32	12.64		.088903	10735	BB	0.0000	
33	13.25		.276680	14804	BV	0.0000	
34	13.60		.316828	21737	VV	0.0000	
35	14.23		.235791	38085	VV	0.0000	
36	14.65	14.66	.296295	24574	VV	.2149	<u>gamma-BHC (Lindane)</u>
37	14.82		.144191	28674	VV	0.0000	
38	15.07		.108943	18740	VV	0.0000	
39	15.16		.114138	24165	VV	0.0000	

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	15.44		.249182	31341	VV	0.0000	
41	15.66		.134618	15741	VV	0.0000	
42	15.82		.132982	20489	VV	0.0000	
43	16.13		.171125	112934	VV	0.0000	
44	16.98		.281670	150579	VV	0.0000	
45	17.24		.301152	118382	VV	0.0000	
46	17.85	17.83	.174539	116873	VV	1.2194	delta-BHC
47	18.12		.123599	232267	VV	0.0000	
48	18.35	18.35	.096766	84266	VV	.8209	Heptachlor-epoxide
49	18.50		.092080	71769	VV	0.0000	
50	18.67		.144733	408819	VV	0.0000	
51	18.91		.113750	97000	VV	0.0000	
52	19.08		.141429	44061	VV	0.0000	
53	19.35	19.35	.098693	187492	VV	1.7172	gamma-Chlordane
54	19.52	19.51	.089932	504002	VV	4.7694	alpha-Chlordane
55	19.80	19.80	.129595	365425	VV	3.8660	4,4'-BDE
56	20.02		.091822	415895	VV	0.0000	
57	20.22		.153586	118466	VV	0.0000	
58	20.46		.127113	295296	VV	0.0000	
59	20.77		.096030	373171	VV	0.0000	
60	20.94	20.91	.104696	92299	VV	1.2091	Endrin
61	21.13		.096832	337202	VV	0.0000	
62	21.51		.113969	157405	VV	0.0000	
63	21.65	21.68	.079820	77128	VV	1.9900	Chlorebenzilate
64	21.77		.087398	272672	VV	0.0000	
65	22.16	22.16	.127517	778983	VV	10.5788	4,4'-DDD
66	22.42	22.34	.135059	95279	VV	1.1151	Endosulfan-II
67	22.65	22.65	.110662	148667	VV	2.3297	4,4'-DDT
68	22.87		.119200	76076	VV	0.0000	
69	23.02		.135070	87185	VV	0.0000	
70	23.19		.096238	170072	VV	0.0000	
71	23.33		.094577	39848	VV	0.0000	
72	23.47		.121185	42693	VV	0.0000	
73	23.66	23.63	.202797	69714	VV	1.5252	Endrin-aldehyde
74	23.90		.121583	103003	VV	0.0000	
75	24.13		.160728	165931	VV	0.0000	
76	24.49		.194260	59211	VV	0.0000	
77	24.89		.113270	19260	VV	0.0000	
78	25.20		.161039	28850	VV	0.0000	
79	25.42		.122874	72426	VV	0.0000	
80	25.81		.148230	15190	BV	0.0000	
81	26.61		.158354	22133	VV	0.0000	
82	26.94		.117899	18723	PB	0.0000	
83	27.56		.188437	21985	BV	0.0000	
84	28.42		.090106	15440	PV	0.0000	
85	28.88	#28.88	.094150	102557	VV	1.0369	Decachlorobiphenyl
86	29.15		.122219	7116	VV	0.0000	
87	29.31		.105212	12871	VV	0.0000	
88	29.44		.122482	10596	VV	0.0000	
89	29.83		.119736	22071	VV	0.0000	
90	30.11		.095868	4084	PV	0.0000	
91	30.51		.113572	9800	VV	0.0000	
92	30.66		.139267	6758	VV	0.0000	
93	31.22		.065823	1659	PV	0.0000	
94	31.49		.152776	12444	VV	0.0000	

IEA Pesticide Standard Report

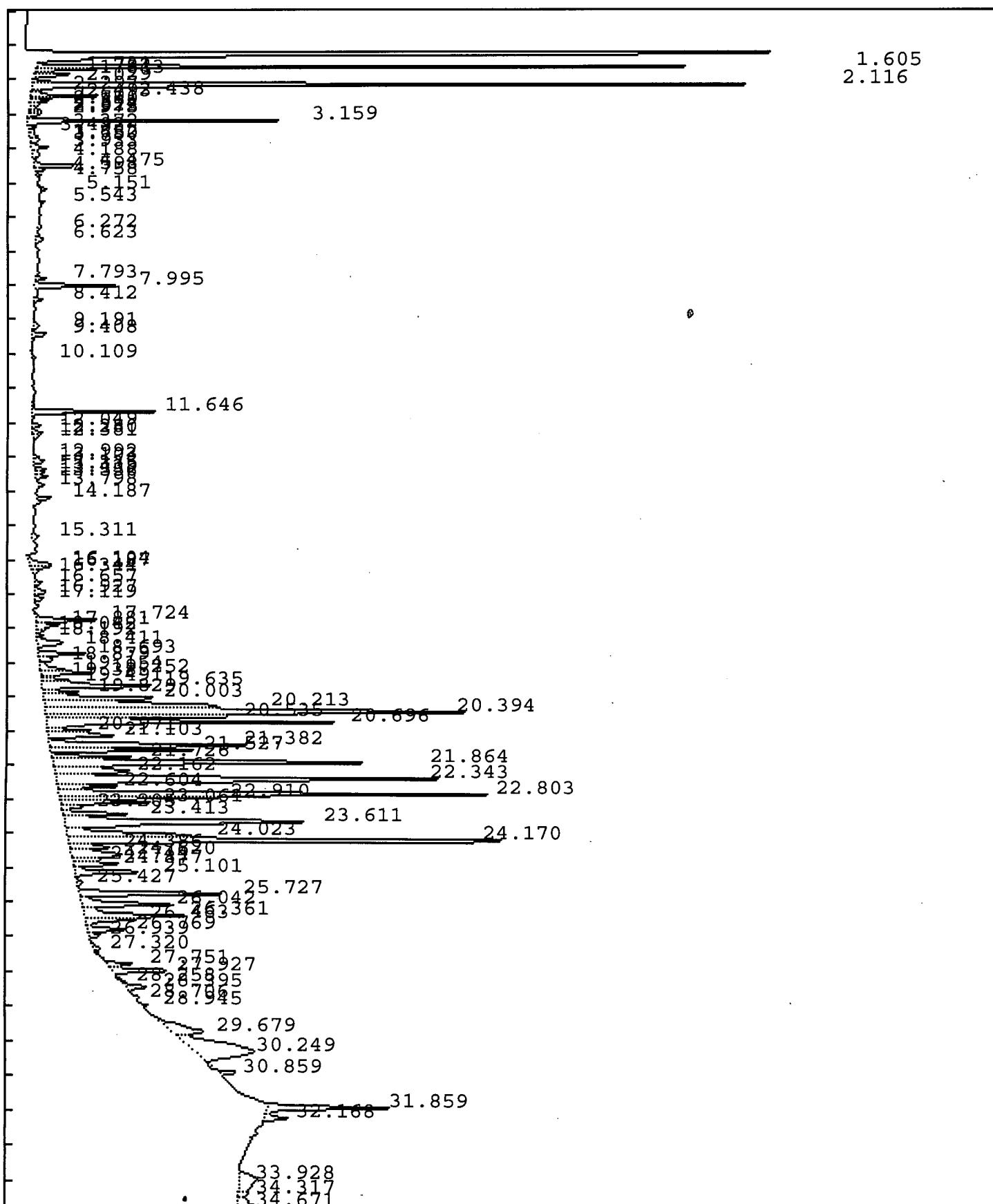
0117

Sample Name : 980920A-14 CDY-014 DF=5 Inj on 2257 05May1998

Result File : /HP58904B/RESULT/B4509130.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 μ l

IEA Pesticide Standard Report

Sample Name : 980920A-14 CDY-014 DF=5 A/S Report No : 46.10
 Result File : /HP58904B/RESULT/B4509130.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 2257 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 31 Bottle no. : 31

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.61		.043109	576890	BV	0.0000	
2	1.73		.050686	154448	VV	0.0000	
3	1.78		.035757	10283	VV	0.0000	
4	1.84		.056242	40487	VV	0.0000	
5	2.03		.039743	13226	PV	0.0000	
6	2.12		.053075	795599	VV	0.0000	
7	2.30		.065906	11679	VV	0.0000	
8	2.44		.048841	61880	VV	0.0000	
9	2.49		.047552	15274	VV	0.0000	
10	2.60		.052218	16464	VV	0.0000	
11	2.71		.076352	11557	VV	0.0000	
12	2.87		.051373	10898	VV	0.0000	
13	2.92		.043959	8377	VV	0.0000	
14	2.98		.072686	14762	VV	0.0000	
15	3.16		.052419	241029	PV	0.0000	
16	3.37		.055357	7556	PV	0.0000	
17	3.49		.087540	7998	VV	0.0000	
18	3.65		.095443	14442	VV	0.0000	
19	3.75		.073373	13017	VV	0.0000	
20	3.93		.093144	24472	VV	0.0000	
21	4.19		.191469	21146	VV	0.0000	
22	4.47		.072449	64467	VV	0.0000	
23	4.60		.075205	10419	VV	0.0000	
24	4.76		.095630	6937	VV	0.0000	
25	5.15		.050727	7040	PV	0.0000	
26	5.54		.047988	4299	BV	0.0000	
27	6.27		.093192	7031	BV	0.0000	
28	6.62		.131984	15807	VV	0.0000	
29	7.79		.075854	13488	VV	0.0000	
30	8.00		.080570	99474	VV	0.0000	
31	8.41		.080854	12591	VV	0.0000	
32	9.19		.129468	11410	BV	0.0000	
33	9.41		.097721	24693	VB	0.0000	
34	10.11		.116065	5111	PV	0.0000	
35	11.65	11.64	.076345	146041	BV	.9210	Tetrachloro-m-xylene
36	12.05		.102848	13732	PV	0.0000	
37	12.28		.096462	16717	VV	0.0000	
38	12.38		.077337	7558	VB	0.0000	
39	12.99		.069558	5665	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
40	13.10		.107557		16884	VV	0.0000	
41	13.33		.074549		14206	PV	0.0000	
42	13.44		.075709		10088	VV	0.0000	
43	13.56		.077790		13367	VV	0.0000	
44	13.80		.075393		6534	PV	0.0000	
45	14.19		.072656		16842	BV	0.0000	
46	15.31	15.41	.139011		13491	BV	.0687	gamma-BHC (Lindane)
47	16.10		.123123		38301	PV	0.0000	
48	16.19		.092196		27619	VV	0.0000	
49	16.34		.122768		10680	VB	0.0000	
50	16.66	16.75	.121008		14839	BV	.0743	Heptachlor
51	16.93	16.87	.137551		23252	VV	.1272	delta-BHC
52	17.12		.087556		13732	VV	0.0000	
53	17.72		.088155		83723	PV	0.0000	
54	17.88	17.85	.105368		37505	VV	.1982	Aldrin
55	18.04		.075940		9693	VV	0.0000	
56	18.19		.065256		6564	VV	0.0000	
57	18.41		.156448		61123	VV	0.0000	
58	18.69		.087551		61337	PV	0.0000	
59	18.88		.120289		26914	VV	0.0000	
60	19.15		.106077		36297	VV	0.0000	
61	19.25	19.22	.092807		72623	VV	.4914	Isodrin
62	19.38		.069703		13356	VV	0.0000	
63	19.49		.084918		40568	VV	0.0000	
64	19.64	19.61	.111460		183856	VV	.9930	Heptachlor epoxide
65	19.83		.086492		47195	VV	0.0000	
66	20.00		.097159		184702	VV	0.0000	
67	20.21	20.22	.122243		360708	VV	1.8619	gamma-Chlordane
68	20.39		.146751		898161	VV	0.0000	
69	20.54		.086565		231938	VV	0.0000	
70	20.70	20.70	.095244		421701	VV	2.3748	alpha-Chlordane
71	20.97		.091201		60555	VV	0.0000	
72	21.10		.116638		111888	VV	0.0000	
73	21.38	21.40	.100793		310356	PV	1.8939	4,4'-DDE
74	21.53		.081950		177702	VV	0.0000	
75	21.73	21.69	.074507		91074	VV	.5454	Dieldrin
76	21.86		.104665		542383	VV	0.0000	
77	22.16		.155008		177779	VV	0.0000	
78	22.34	22.41	.132811		760344	VV	4.9345	Chlorobenzilate
79	22.60		.083492		74840	VV	0.0000	
80	22.80	22.74	.102441		653211	VV	4.7859	Endrin
81	22.91		.073512		166520	VV	0.0000	
82	23.06	23.07	.088632		119031	VV	.9142	4,4'-DDD
83	23.21		.099091		30860	VV	0.0000	
84	23.41		.095463		96300	VV	0.0000	
85	23.61		.153118		545505	VV	0.0000	
86	24.02		.114857		219215	VV	0.0000	
87	24.17	24.15	.106022		779186	VV	5.4930	4,4'-DDT
88	24.39	24.36	.109347		66117	VV	.5674	Endrin aldehyde
89	24.62		.179820		129044	VV	0.0000	
90	24.74		.081799		33188	VV	0.0000	
91	24.88		.108548		72992	VV	0.0000	
92	25.10		.100875		108537	VV	0.0000	
93	25.43		.124131		9686	VV	0.0000	
94	25.73		.102936		220763	PV	0.0000	

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	26.04		.124575	159153	VV	0.0000	
96	26.36		.123434	176198	VV	0.0000	
97	26.46		.093479	69539	VV	0.0000	
98	26.77		.113396	59342	VV	0.0000	
99	26.94		.095808	18715	VV	0.0000	
100	27.32		.128682	13991	PV	0.0000	
101	27.75		.103826	42138	PV	0.0000	
102	27.93		.099263	93033	VV	0.0000	
103	28.26		.069991	5630	BV	0.0000	
104	28.39		.124272	39487	VV	0.0000	
105	28.71		.105957	6894	VV	0.0000	
106	28.95		.081346	7007	PV	0.0000	
107	29.68		.262918	132940	BV	0.0000	
108	30.25		.461227	391003	VV	0.0000	
109	30.86		.091141	28652	PB	0.0000	
110	31.86	#31.88	.106387	185156	BV	1.6123	Decachlorobiphenyl
111	32.17		.100250	34071	VB	0.0000	
112	33.93		.378392	93755	BV	0.0000	
113	34.32		.176152	23694	VV	0.0000	
114	34.67		.220931	60589	VV	0.0000	
115	35.54		.093726	4042	PV	0.0000	

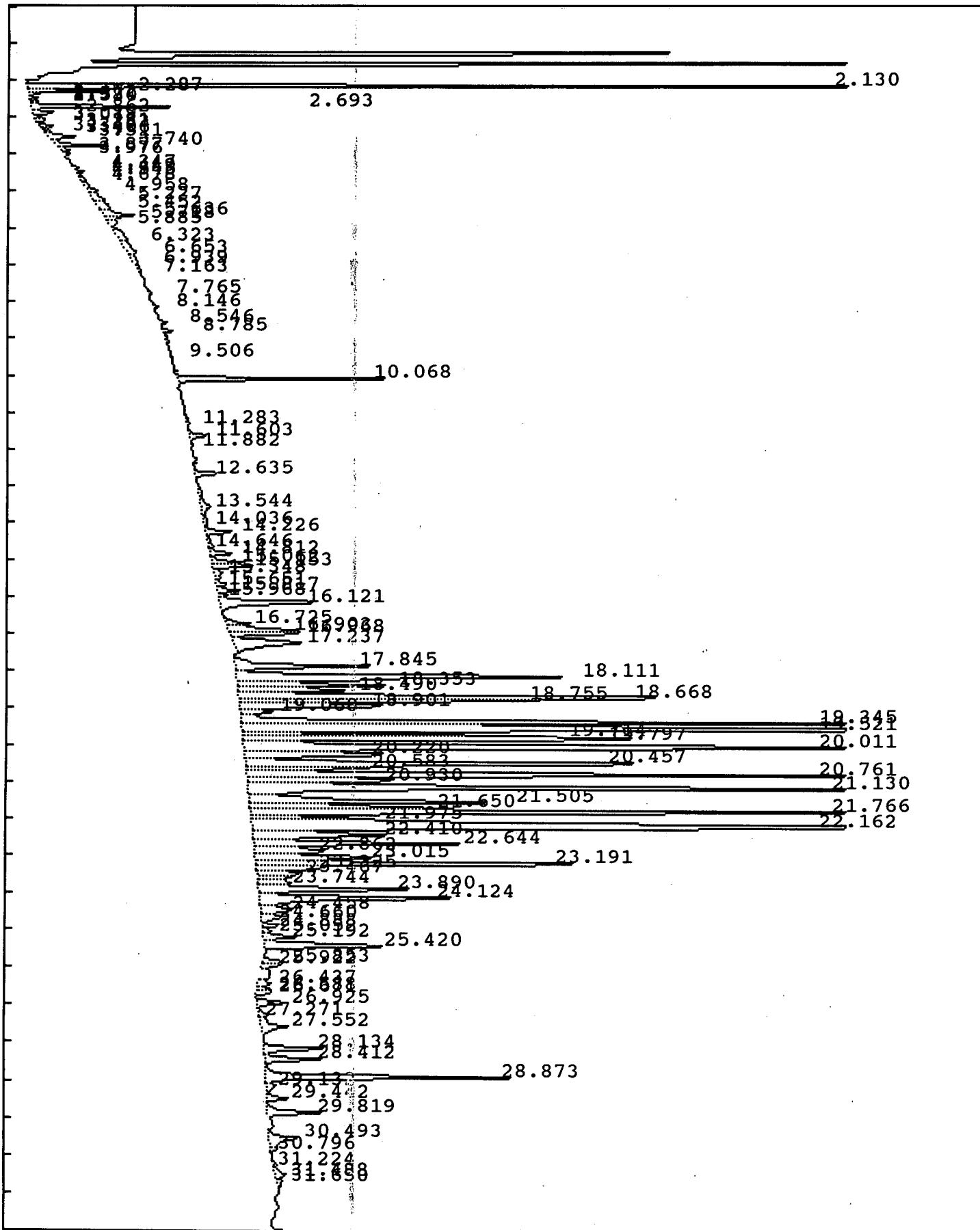
Total Area : 12604876 Total PPB : 27.857

Report Time : 1907 11May1998
 Method : /DATA/LOOP/METHOD/B4509_130.MT
 Result File : /HP58904B/RESULT/B4509130.RES

IEA Pesticide Standard Report

Sample Name : 980920A-15 CDY-015 DF=2 A/S
Result File : /HP58904A/RESULT/A4524138.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

0122
Inj on 1907 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

0123

Sample Name : 980920A-15 CDY-015 DF=2 A/S Report No : 32.10
 Result File : /HP58904A/RESULT/A4524138.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1907 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 39 Bottle no. : 39

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.041997	674530	VV	0.0000	
2	2.29		.039962	50467	VV	0.0000	
3	2.47		.044053	5596	VV	0.0000	
4	2.53		.037866	3277	VV	0.0000	
5	2.58		.064031	6237	VV	0.0000	
6	2.69		.039786	113394	VV	0.0000	
7	2.86		.087200	22402	VV	0.0000	
8	3.02		.059905	7298	VV	0.0000	
9	3.08		.067421	7866	VV	0.0000	
10	3.23		.077964	14085	PV	0.0000	
11	3.28		.038453	3978	VV	0.0000	
12	3.35		.051221	4157	VV	0.0000	
13	3.41		.050070	3535	VV	0.0000	
14	3.51		.090540	30790	VV	0.0000	
15	3.74		.058889	42291	VV	0.0000	
16	3.88		.062917	8552	VV	0.0000	
17	3.98		.050907	4824	VB	0.0000	
18	4.35		.060860	5000	VV	0.0000	
19	4.45		.056232	6131	VV	0.0000	
20	4.55		.061121	2896	VV	0.0000	
21	4.68		.096476	6474	VV	0.0000	
22	4.96		.136823	18998	VV	0.0000	
23	5.23		.192279	27148	VV	0.0000	
24	5.45		.208742	25305	VV	0.0000	
25	5.64		.109699	41536	VV	0.0000	
26	5.72		.065589	9396	VV	0.0000	
27	5.89		.169353	14763	VV	0.0000	
28	6.32		.322905	31668	VV	0.0000	
29	6.65		.253121	29376	VV	0.0000	
30	6.94		.242630	13373	VV	0.0000	
31	7.16		.211441	7942	VB	0.0000	
32	7.77		.112444	5046	PB	0.0000	
33	8.15		.057922	3747	BB	0.0000	
34	8.55		.061687	5293	PB	0.0000	
35	8.79		.070182	8274	BV	0.0000	
36	9.51		.343671	8527	VV	0.0000	
37	10.07	10.06	.065352	168650	BB	1.5637	Tetrachloro-m-xylene
38	11.28		.374076	10043	BV	0.0000	
39	11.60		.101840	21421	VV	0.0000	

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	11.88		.107007	2445	VB	0.0000	
41	12.64		.082385	24722	BV	0.0000	
42	13.54		.301940	34059	PV	0.0000	
43	14.04		.247121	9297	VV	0.0000	
44	14.23		.093510	29963	VV	0.0000	
45	14.65	14.66	.197349	12111	PV	.1059	gamma-BHC (Lindane)
46	14.81		.090623	23351	VV	0.0000	
47	15.06		.083560	28684	VV	0.0000	
48	15.15		.089678	40813	VV	0.0000	
49	15.35	15.33	.118984	12301	VV	.1054	Heptachlor
50	15.65		.104765	13686	VV	0.0000	
51	15.82		.088155	21979	VV	0.0000	
52	15.97		.080117	8023	VV	0.0000	
53	16.12		.123686	142638	VB	0.0000	
54	16.72		.103211	30097	BV	0.0000	
55	16.90		.105647	78935	VV	0.0000	
56	16.97		.079809	64510	VV	0.0000	
57	17.24		.182237	132592	VB	0.0000	
58	17.85	17.83	.102022	157490	BV	1.6432	delta-BHC
59	18.11		.122318	469486	VV	0.0000	
60	18.35	18.35	.087370	150841	VV	1.4694	Heptachlor epoxide
61	18.49		.083270	108659	VV	0.0000	
62	18.67		.093905	511027	VV	0.0000	
63	18.75		.073396	254857	VV	0.0000	
64	18.90		.106910	184336	VV	0.0000	
65	19.07		.115535	40843	VV	0.0000	
66	19.34	19.35	.075513	696760	VV	6.3815	gamma-Chlordane
67	19.52	19.51	.084012	1878058	VV	17.7722	alpha-Chlordane
68	19.71		.073074	260897	VV	0.0000	
69	19.80	19.80	.079289	401169	VV	4.2442	4,4'-DDE
70	20.01		.090915	1054424	VV	0.0000	
71	20.22	20.30	.125487	198407	VV	2.0643	Dieldrin
72	20.46		.098097	501255	VV	0.0000	
73	20.58		.078184	104463	VV	0.0000	
74	20.76		.087978	726014	VV	0.0000	
75	20.93	20.91	.092797	166124	VV	2.1763	Endrin
76	21.13		.102000	780929	VV	0.0000	
77	21.51		.102839	310153	VV	0.0000	
78	21.65	21.68	.076703	156435	VV	4.0362	Chlorobenzilate
79	21.77		.088327	712543	VV	0.0000	
80	21.98		.076043	106325	VV	0.0000	
81	22.16	22.16	.118891	1623328	VV	22.0453	4,4'-DDD
82	22.41	22.34	.128606	188258	VV	2.2032	Endosulfan-II
83	22.64	22.65	.094979	232013	VV	3.6357	4,4'-DDT
84	22.86		.133049	110678	VV	0.0000	
85	23.01		.117486	155088	VV	0.0000	
86	23.19		.088880	367598	VV	0.0000	
87	23.33		.091590	67684	VV	0.0000	
88	23.47		.097642	48096	VV	0.0000	
89	23.74		.144186	52531	VV	0.0000	
90	23.89		.101845	181609	VV	0.0000	
91	24.12		.124615	272809	VV	0.0000	
92	24.46		.142480	51750	VV	0.0000	
93	24.66	24.68	.146480	31608	VV	.9257	Methoxychlor
94	24.89		.084367	18409	VV	0.0000	

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	25.05		.090814	8790	VV	0.0000	
96	25.19		.092889	33799	VV	0.0000	
97	25.42		.115867	157025	VV	0.0000	
98	25.85		.096293	20637	BV	0.0000	
99	25.92		.106551	22591	VV	0.0000	
100	26.44		.119589	16703	VV	0.0000	
101	26.59		.098550	15104	VV	0.0000	
102	26.67		.084677	13562	VV	0.0000	
103	26.93		.120357	37027	PV	0.0000	
104	27.27		.159115	14500	VV	0.0000	
105	27.55		.167115	50746	VB	0.0000	
106	28.13		.098134	68884	BV	0.0000	
107	28.41		.094796	61966	VV	0.0000	
108	28.87	#28.88	.095926	264591	VV	2.6751	Decachlorobiphenyl
109	29.13		.180271	18524	VV	0.0000	
110	29.44		.095566	23338	VV	0.0000	
111	29.82		.112124	65930	PV	0.0000	
112	30.49		.164983	58197	VV	0.0000	
113	30.80		.110012	8417	VV	0.0000	
114	31.22		.111295	5136	VV	0.0000	
115	31.49		.162729	18911	VV	0.0000	
116	31.65		.150030	8598	VB	0.0000	

Total Area : 16510420 Total PPB : 73.047

Report Time : 1402 11May1998
 Method : /DATA/LOOP/METHOD/A4524_137.MT
 Result File : /HP58904A/RESULT/A4524138.RES

0126

IEA Pesticide Standard Report

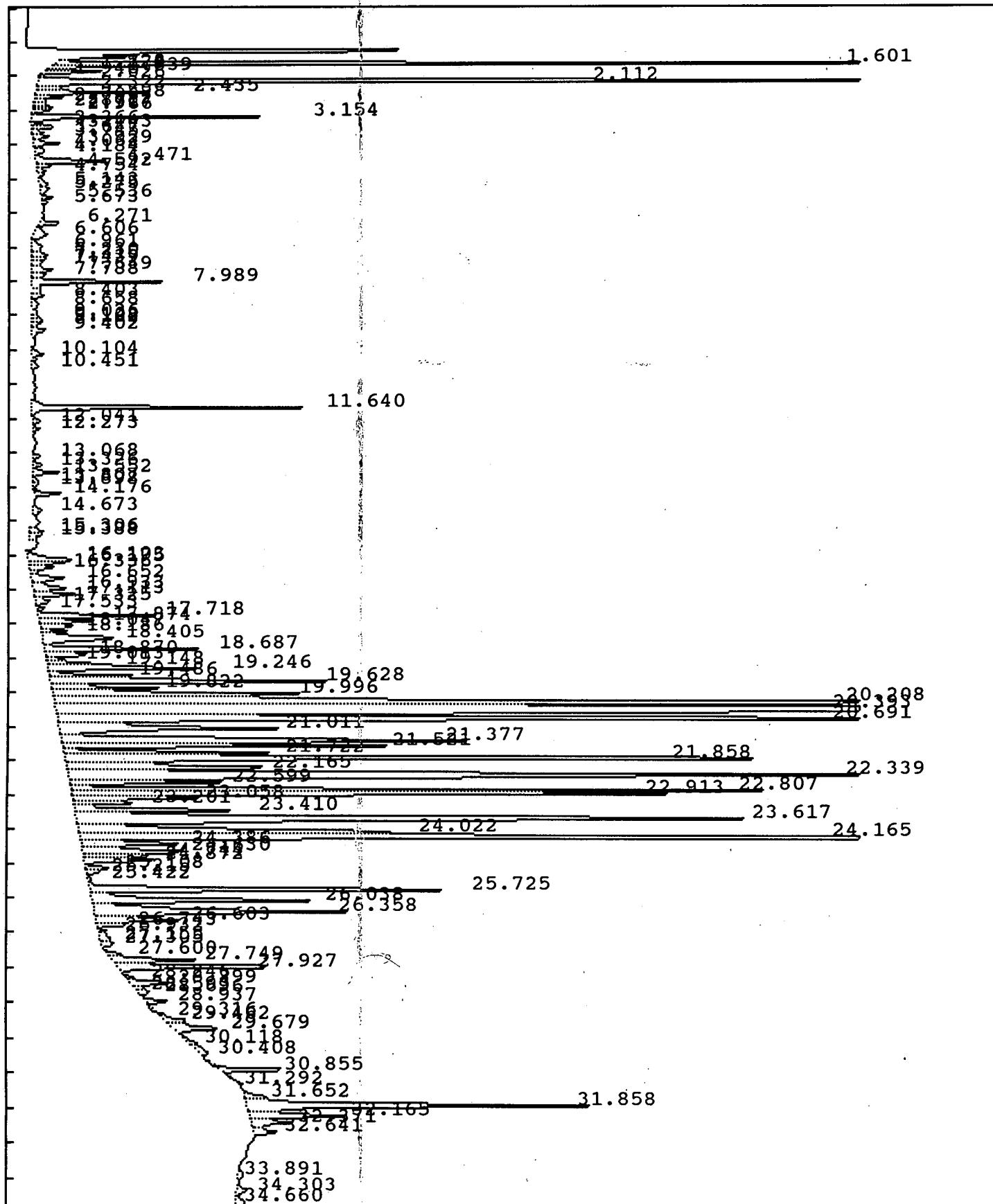
Sample Name : 980920A-15 CDY-015 DF=2 Inj on 2343 05May1998

Result File : /HP58904B/RESULT/B4509131.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-15 CDY-015 DF=2 A/S Report No : 47.10
 Result File : /HP58904B/RESULT/B4509131.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 2343 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 32 Bottle no. : 32

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.60		.045136	1014131	BV	0.0000	
2	1.73		.046379	20160	VV	0.0000	
3	1.78		.034405	13971	VV	0.0000	
4	1.84		.054564	60303	VV	0.0000	
5	1.94		.032000	3587	VV	0.0000	
6	2.03		.039117	20913	PV	0.0000	
7	2.11		.054623	1241541	VV	0.0000	
8	2.32		.075713	33497	VV	0.0000	
9	2.43		.060301	133099	VV	0.0000	
10	2.60		.050973	26534	VV	0.0000	
11	2.71		.070635	14064	VV	0.0000	
12	2.78		.058839	13972	VV	0.0000	
13	2.87		.048601	15773	VV	0.0000	
14	2.92		.043836	12389	VV	0.0000	
15	2.97		.072472	19962	VV	0.0000	
16	3.15		.054731	232207	VV	0.0000	
17	3.37		.044993	9414	PV	0.0000	
18	3.44		.078025	34996	VV	0.0000	
19	3.65		.085324	19123	VV	0.0000	
20	3.75		.066288	21500	VV	0.0000	
21	3.93		.088782	38242	VV	0.0000	
22	4.06		.062692	6416	VV	0.0000	
23	4.18		.121882	19107	VV	0.0000	
24	4.47		.091186	117757	VV	0.0000	
25	4.59		.077979	17551	VV	0.0000	
26	4.75		.098635	12640	VV	0.0000	
27	5.14		.127018	19682	VV	0.0000	
28	5.27		.170185	19342	VV	0.0000	
29	5.54		.074898	14239	VV	0.0000	
30	5.67		.093571	6793	VV	0.0000	
31	6.27		.082275	29148	BV	0.0000	
32	6.61		.209640	36402	PV	0.0000	
33	6.96		.238579	36907	PV	0.0000	
34	7.23		.121360	27972	VV	0.0000	
35	7.32		.099324	21717	VV	0.0000	
36	7.44		.119027	17649	VV	0.0000	
37	7.65		.122487	42251	VV	0.0000	
38	7.79		.127188	25547	VV	0.0000	
39	7.99		.091870	186659	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	8.40		.102479	19795	VV	0.0000	
41	8.66		.219161	21535	VV	0.0000	
42	9.03		.072661	7819	VV	0.0000	
43	9.11		.081539	14193	VV	0.0000	
44	9.18		.113899	15726	VV	0.0000	
45	9.40		.134435	31580	VV	0.0000	
46	10.10		.110272	19672	VV	0.0000	
47	10.45		.150784	14031	VV	0.0000	
48	11.64	11.64	.076482	330010	VV	2.0813	Tetrachloro-m-xylene
49	12.04		.119540	16076	VV	0.0000	
50	12.27		.127793	15566	VV	0.0000	
51	13.07		.129997	14622	PV	0.0000	
52	13.33		.103959	16369	VV	0.0000	
53	13.55		.093005	36311	VV	0.0000	
54	13.81		.081697	6836	VV	0.0000	
55	13.90		.100779	8313	VV	0.0000	
56	14.18		.083103	34397	PV	0.0000	
57	14.67		.183643	24560	BV	0.0000	
58	15.31		.120918	24301	VV	0.0000	
59	15.39	15.41	.134367	23704	VV	.1206	gamma-BHC (Lindane)
60	16.10		.122628	82576	PV	0.0000	
61	16.17		.084787	46262	VV	0.0000	
62	16.34		.115504	41258	VV	0.0000	
63	16.65	16.75	.147545	73500	VV	.3680	Heptachlor
64	16.93	16.87	.136705	66728	VV	.3649	delta-BHC
65	17.11		.104285	66810	VV	0.0000	
66	17.33		.134462	30551	VV	0.0000	
67	17.53		.065823	10811	PV	0.0000	
68	17.72		.088533	157339	VV	0.0000	
69	17.87	17.85	.111158	90770	VV	.4797	Aldrin
70	18.05		.085974	47209	VV	0.0000	
71	18.19		.075883	30301	VV	0.0000	
72	18.40		.162293	173719	VV	0.0000	
73	18.69		.089180	207124	VV	0.0000	
74	18.87		.117162	75184	VV	0.0000	
75	19.01		.070151	18416	VV	0.0000	
76	19.15		.084811	78389	VV	0.0000	
77	19.25	19.22	.089683	213028	VV	1.4416	Isodrin
78	19.49		.087594	128117	VV	0.0000	
79	19.63	19.61	.108990	439472	VV	2.3736	Heptachlor epoxide
80	19.82		.085392	138910	VV	0.0000	
81	20.00		.099830	386952	VV	0.0000	
82	20.21	20.22	.103922	1610911	VV	8.3151	gamma-Chlordane
83	20.39		.152490	3470658	VV	0.0000	
84	20.69	20.70	.090388	1923116	VV	10.8299	alpha-Chlordane
85	21.01		.132925	428238	VV	0.0000	
86	21.38	21.40	.134496	796153	VV	4.8584	4,4'-DDE
87	21.52		.085409	412969	VV	0.0000	
88	21.72	21.69	.079240	247329	VV	1.4811	Dieldrin
89	21.86		.104763	1300810	VV	0.0000	
90	22.17		.115507	370498	VV	0.0000	
91	22.34	22.41	.137443	1720473	VV	11.1655	Chlорobenzilate
92	22.60		.086707	196290	VV	0.0000	
93	22.81	22.74	.084734	876915	VV	6.4249	Endrin
94	22.91		.088380	767415	VV	0.0000	

M/3/248

IEA Pesticide Standard Report

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Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	23.06	23.07	.090344	165975	VV	1.2747	4,4'-DDD
96	23.20		.094763	88013	VV	0.0000	
97	23.41	23.31	.094007	235884	VV	1.6925	Endosulfan II
98	23.62		.153466	1464661	VV	0.0000	
99	24.02		.120094	572625	VV	0.0000	
100	24.17	24.15	.105918	1850902	VV	13.0482	
101	24.39	24.36	.109718	161573	VV	1.3867	Endrin aldehyde
102	24.63		.143462	212364	VV	0.0000	
103	24.74		.090868	87205	VV	0.0000	
104	24.87		.109742	110086	VV	0.0000	
105	25.11		.106804	35808	VV	0.0000	
106	25.21		.091273	18119	VV	0.0000	
107	25.42		.121922	6603	PV	0.0000	
108	25.72		.102971	557445	VV	0.0000	
109	26.04		.113813	369426	VV	0.0000	
110	26.36		.150965	545798	VV	0.0000	
111	26.60		.099991	127114	VV	0.0000	
112	26.74		.094891	44206	VV	0.0000	
113	26.93		.084705	11734	PV	0.0000	
114	27.15	27.20	.166490	26359	VV	.4898	Methoxychlor
115	27.30		.122497	24928	VV	0.0000	
116	27.60	27.63	.105647	21400	PV	.1488	Endrin Ketone
117	27.75		.104585	130208	VV	0.0000	
118	27.93		.106718	276938	VB	0.0000	
119	28.25		.068773	7982	BV	0.0000	
120	28.40		.131265	72954	VV	0.0000	
121	28.59		.092933	13534	VV	0.0000	
122	28.70		.107771	19123	VV	0.0000	
123	28.94		.102836	35488	VV	0.0000	
124	29.32		.063485	6231	PV	0.0000	
125	29.46		.121159	38517	VV	0.0000	
126	29.68		.139649	100751	VV	0.0000	
127	30.12		.183740	23203	VV	0.0000	
128	30.41		.296402	37963	VV	0.0000	
129	30.86		.086379	97390	PV	0.0000	
130	31.29		.249824	12612	VB	0.0000	
131	31.65		.120619	36165	BV	0.0000	
132	31.86	#31.88	.122053	606631	VV	5.2826	Decachlorobiphenyl
133	32.16		.121636	170261	VV	0.0000	
134	32.37		.134399	76226	VV	0.0000	
135	32.64		.112491	37666	VB	0.0000	
136	33.89		.188079	14786	PV	0.0000	
137	34.30		.155532	24713	VV	0.0000	
138	34.66		.203669	30201	VV	0.0000	

Total Area : 29685536 Total PPB : 73.628

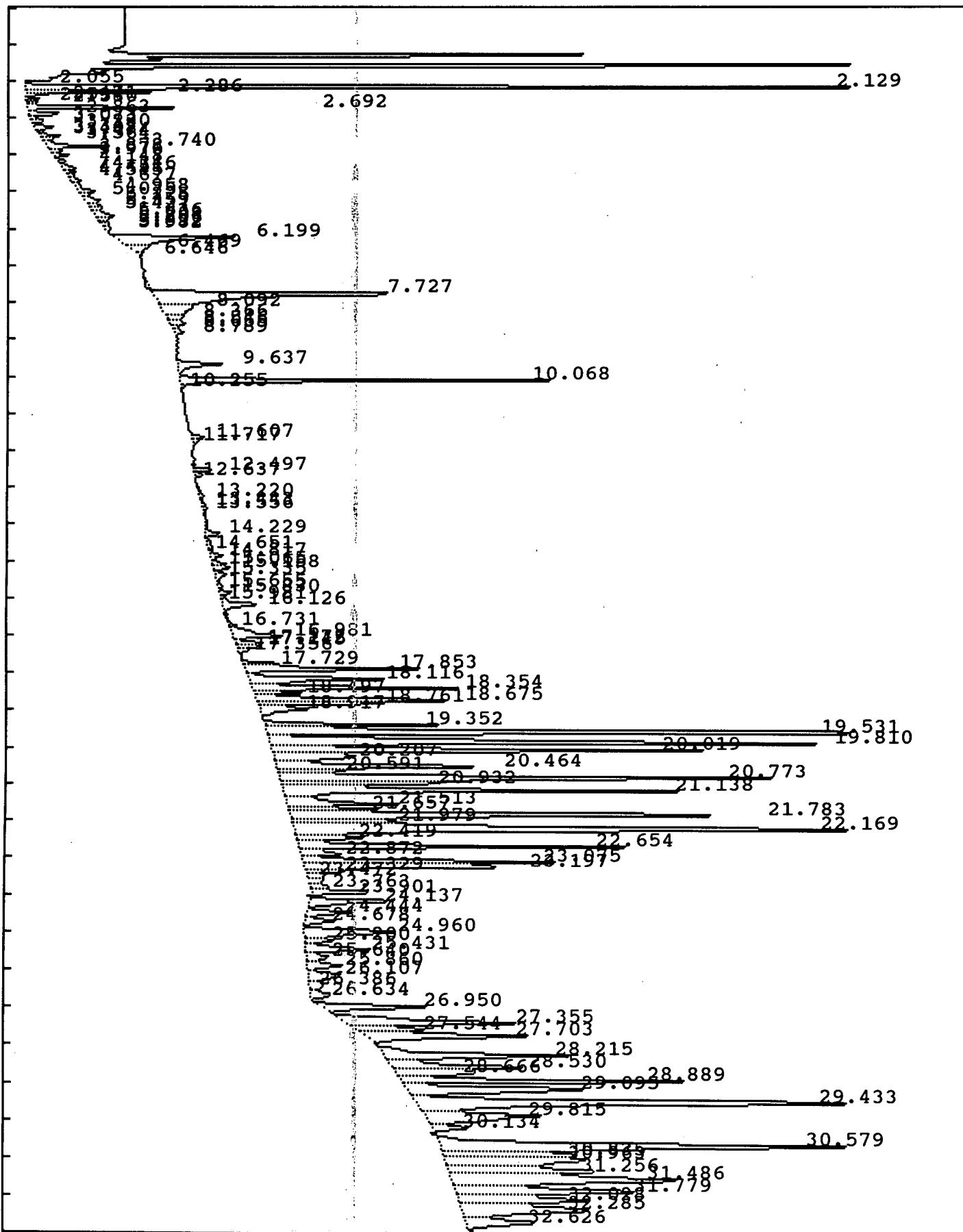
Report Time : 0736 12May1998
 Method : /DATA/LOOP/METHOD/B4509_131.MT
 Result File : /HP58904B/RESULT/B4509131.RES

IEA | Pesticide Standard Report

0131

Sample Name : 980920A-16 CDY-016 A/S
Result File : /HP58904A/RESULT/A4524092.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1715 01May1998
INSTRUMENT: HP58904A
nj. Vol. : 1 ul



0132

IEA Pesticide Standard Report

Sample Name : 980920A-16 CDY-016 A/S Report No : 92.10
 Result File : /HP58904A/RESULT/A4524092.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1715 01May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 92 Bottle no. : 92

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.05		.024404	2221	BV	0.0000	
2	2.13		.041381	974934	VV	0.0000	
3	2.29		.038562	76299	VV	0.0000	
4	2.47		.036763	7576	PV	0.0000	
5	2.53		.035206	4593	VV	0.0000	
6	2.58		.057302	8338	VV	0.0000	
7	2.69		.039243	120586	VV	0.0000	
8	2.86		.084594	32749	VV	0.0000	
9	3.02		.051973	7196	VV	0.0000	
10	3.07		.065208	9215	VV	0.0000	
11	3.23		.086151	22079	PV	0.0000	
12	3.35		.048324	4124	VV	0.0000	
13	3.41		.047343	4054	VV	0.0000	
14	3.47		.060084	17432	VV	0.0000	
15	3.56		.065401	8147	VV	0.0000	
16	3.74		.066243	58837	VV	0.0000	
17	3.88		.061013	8983	VV	0.0000	
18	3.98		.072068	15915	VV	0.0000	
19	4.15		.097525	9889	VV	0.0000	
20	4.35		.092321	17786	VV	0.0000	
21	4.45		.063114	7967	VV	0.0000	
22	4.54		.064010	5726	VV	0.0000	
23	4.68		.103866	12625	VV	0.0000	
24	4.96		.118241	27360	VV	0.0000	
25	5.07		.092238	9963	VV	0.0000	
26	5.23		.121608	22537	VV	0.0000	
27	5.36		.086794	12595	VV	0.0000	
28	5.44		.105189	12906	VV	0.0000	
29	5.64		.138240	28791	VV	0.0000	
30	5.71		.065785	8402	VV	0.0000	
31	5.81		.074936	7308	VV	0.0000	
32	5.89		.088998	7923	VV	0.0000	
33	5.98		.106837	7679	VV	0.0000	
34	6.20		.136500	186485	PV	0.0000	
35	6.47		.122845	29171	VV	0.0000	
36	6.65		.079376	6347	VB	0.0000	
37	7.73		.140287	427682	PV	0.0000	
38	8.09		.226327	76598	VV	0.0000	
39	8.37		.127708	24981	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	8.55		.105521	18660	VV	0.0000	
41	8.66		.084422	6820	VV	0.0000	
42	8.79		.089222	10011	VB	0.0000	
43	9.64		.119723	60222	BV	0.0000	
44	10.07	10.06	.065179	298488	VV	2.7676	Tetrachloro-m-xylene
45	10.26		.083840	4077	VB	0.0000	
46	11.61		.093112	13181	BV	0.0000	
47	11.72		.097353	6707	VB	0.0000	
48	12.50		.064731	16997	BV	0.0000	
49	12.64		.081122	8650	VB	0.0000	
50	13.22		.148139	5573	BV	0.0000	
51	13.44		.103633	3869	VV	0.0000	
52	13.56		.140367	5331	VB	0.0000	
53	14.23		.137258	23534	BV	0.0000	
54	14.65	14.66	.261241	11840	PV	.1035	gamma-BHC (Lindane)
55	14.82		.116527	16174	VV	0.0000	
56	15.06		.089989	14562	VV	0.0000	
57	15.16		.089130	16670	VV	0.0000	
58	15.33	15.33	.135952	18588	VV	.1593	Heptachlor
59	15.66		.114230	6133	VV	0.0000	
60	15.83		.087429	13144	VV	0.0000	
61	15.98		.085175	4830	VV	0.0000	
62	16.13		.124914	50833	VV	0.0000	
63	16.73		.110819	10460	PV	0.0000	
64	16.98		.127718	78670	VV	0.0000	
65	17.17		.082178	26029	VV	0.0000	
66	17.25		.089671	23631	VV	0.0000	
67	17.36		.089872	11086	VV	0.0000	
68	17.73		.082856	34246	VV	0.0000	
69	17.85	17.83	.079056	168422	VV	1.7573	delta-BHC
70	18.12		.111959	173050	VV	0.0000	
71	18.35	18.35	.072151	179180	VV	1.7454	Heptachlor epoxide
72	18.50		.075822	42269	VV	0.0000	
73	18.67		.088041	205682	VV	0.0000	
74	18.76		.070904	108333	VV	0.0000	
75	18.92		.132545	71835	VB	0.0000	
76	19.35	19.35	.070628	145943	BV	1.3367	gamma-Chlordane
77	19.53	19.51	.077832	917695	VV	8.6842	alpha-Chlordane
78	19.81	19.80	.097362	683736	VV	7.2336	4,4'-DDE
79	20.02		.094916	463164	VV	0.0000	
80	20.21		.169504	146566	VV	0.0000	
81	20.46		.099921	246447	VV	0.0000	
82	20.59		.081568	59485	VV	0.0000	
83	20.77		.115209	638170	VV	0.0000	
84	20.93	20.91	.093770	162801	VV	2.1327	Endrin
85	21.14		.098369	454429	VV	0.0000	
86	21.51		.115787	148282	VV	0.0000	
87	21.66	21.68	.077587	77149	VV	1.9905	Chlorobenzilate
88	21.78		.107340	565234	VV	0.0000	
89	21.98		.082271	94119	VV	0.0000	
90	22.17	22.16	.118443	946746	VV	12.8571	4,4'-DDD
91	22.42	22.34	.128997	91699	VV	1.0732	Endosulfan II
92	22.65	22.65	.081895	311998	VV	4.8891	4,4'-DDT
93	22.87		.113822	53532	VV	0.0000	
94	23.07		.105832	289668	VV	0.0000	MSH215

0134

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	23.20		.092935	223520	VV	0.0000	
96	23.33		.087987	39114	VV	0.0000	
97	23.47		.085004	18727	VV	0.0000	
98	23.76		.087076	19272	VV	0.0000	
99	23.90		.093281	70438	VB	0.0000	
100	24.14		.115242	109975	BV	0.0000	
101	24.44		.105669	53623	VV	0.0000	
102	24.68	24.68	.113642	38034	VV	1.1138	Methoxychlor
103	24.96		.155077	151037	PV	0.0000	
104	25.20		.111281	34909	VV	0.0000	
105	25.43		.126421	87031	VV	0.0000	
106	25.64		.135445	34248	VV	0.0000	
107	25.86		.131741	48631	VV	0.0000	
108	26.11		.190238	64482	VV	0.0000	
109	26.39		.209001	30137	VV	0.0000	
110	26.63		.153608	33855	VV	0.0000	
111	26.95		.116438	135771	PV	0.0000	
112	27.36		.147583	280142	VV	0.0000	
113	27.54		.115937	86111	VV	0.0000	
114	27.70		.136371	243751	VB	0.0000	
115	28.22		.133721	272115	BV	0.0000	
116	28.53		.132687	198648	VV	0.0000	
117	28.67		.144176	123981	VV	0.0000	
118	28.89	#28.88	.087400	295144	VV	2.9840	Decachlorobiphenyl
119	29.10		.155726	310630	VV	0.0000	
120	29.43		.136950	819389	VV	0.0000	
121	29.82		.190659	239231	VV	0.0000	
122	30.13		.123645	48379	VB	0.0000	
123	30.58		.163566	719031	BV	0.0000	
124	30.84		.116311	166441	VV	0.0000	
125	30.96		.205324	308751	VV	0.0000	
126	31.26		.153381	252628	VV	0.0000	
127	31.49		.204225	504530	VV	0.0000	
128	31.78		.160403	323686	VV	0.0000	
129	32.03		.173994	241517	VV	0.0000	
130	32.29		.215393	294615	VV	0.0000	
131	32.63		.172697	129150	VV	0.0000	

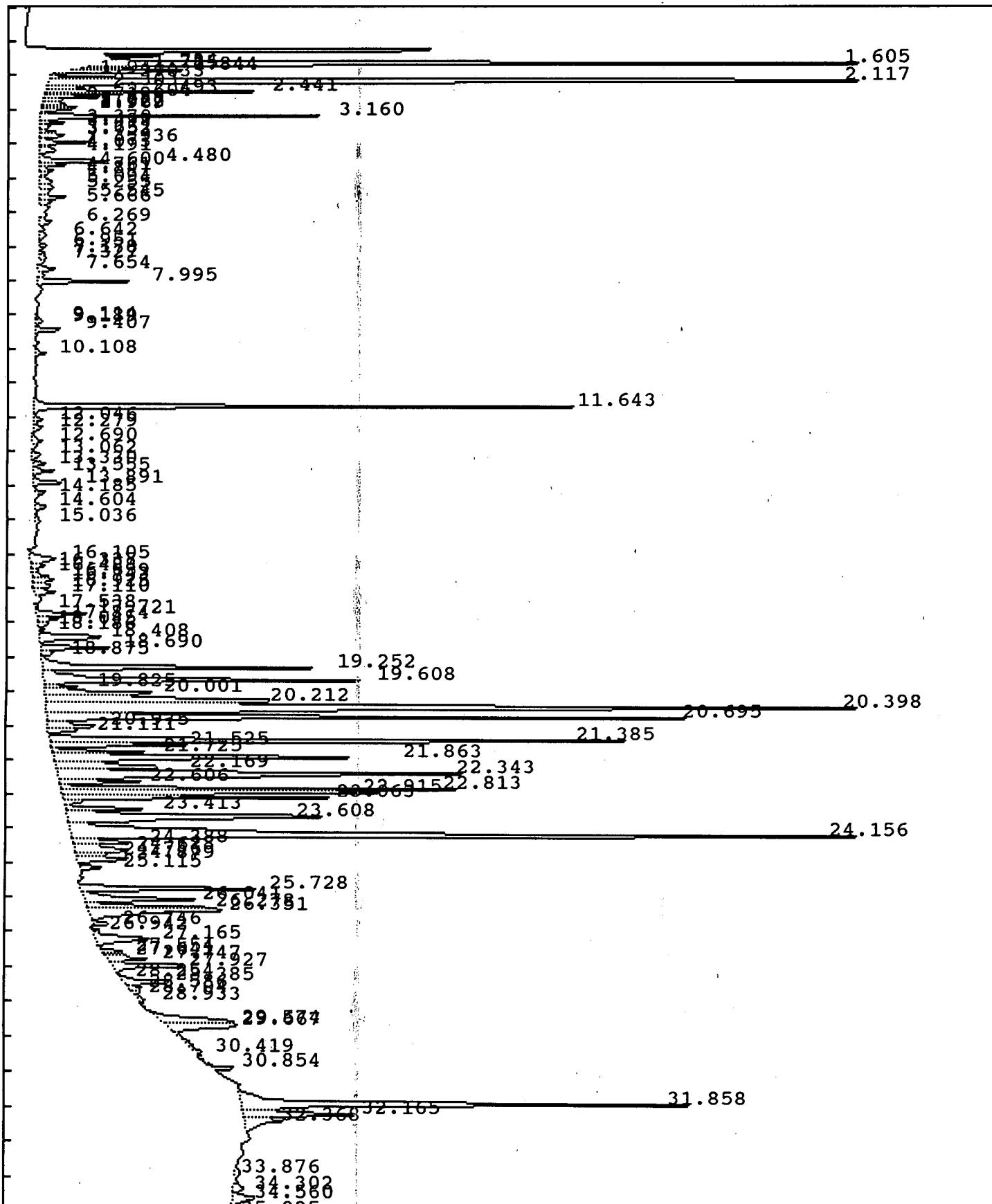
Total Area : 17649324 Total PPB : 50.828

Report Time : 1554 08May1998
 Method : /DATA/LOOP/METHOD/A4524_092.MT
 Result File : /HP58904A/RESULT/A4524092.RES

0135

IEA Pesticide Standard Report

Sample Name : 980920A-16 CDY-016 A/S Inj on 0029 06May1998
Result File : /HP58904B/RESULT/B4509132.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-16 CDY-016 A/S Report No : 48.10
 Result File : /HP58904B/RESULT/B4509132.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0029 06May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 33 Bottle no. : 33

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.61		.045658	1589526	BV	0.0000	
2	1.73		.042057	33657	VV	0.0000	
3	1.79		.032261	23379	VV	0.0000	
4	1.84		.053283	129537	VV	0.0000	
5	1.94		.031091	7116	VV	0.0000	
6	2.03		.041594	49603	PV	0.0000	
7	2.12		.055016	2074528	VV	0.0000	
8	2.30		.069085	46039	VV	0.0000	
9	2.44		.048723	187358	VV	0.0000	
10	2.49		.045100	50300	VV	0.0000	
11	2.60		.047935	49226	VV	0.0000	
12	2.71		.067638	22165	VV	0.0000	
13	2.79		.053552	22663	VV	0.0000	
14	2.88		.047189	27487	VV	0.0000	
15	2.92		.042998	20502	VV	0.0000	
16	2.97		.059627	26292	VV	0.0000	
17	3.16		.057019	284177	PV	0.0000	
18	3.37		.051125	21308	VV	0.0000	
19	3.49		.076176	14972	VV	0.0000	
20	3.65		.069928	24557	VV	0.0000	
21	3.75		.057994	32541	VV	0.0000	
22	3.94		.076825	58778	VV	0.0000	
23	4.07		.062393	9716	VV	0.0000	
24	4.19		.111544	27284	VV	0.0000	
25	4.48		.073075	100971	VV	0.0000	
26	4.60		.074690	29686	VV	0.0000	
27	4.76		.093295	20382	VV	0.0000	
28	4.85		.068504	9701	VV	0.0000	
29	5.09		.174452	30446	VV	0.0000	
30	5.26		.110380	22125	VV	0.0000	
31	5.54		.082163	37442	VV	0.0000	
32	5.67		.133711	23371	VV	0.0000	
33	6.27		.124165	26399	VV	0.0000	
34	6.64		.170910	16426	VB	0.0000	
35	6.95		.086835	9525	BV	0.0000	
36	7.18		.065534	6162	VV	0.0000	
37	7.33		.158509	17222	VV	0.0000	
38	7.65		.118816	31010	VV	0.0000	
39	7.99		.082621	114518	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	9.11		.096524	6830	VV	0.0000	
41	9.19		.096409	9713	VV	0.0000	
42	9.41		.092996	41117	VV	0.0000	
43	10.11		.094365	16543	PV	0.0000	
44	11.64	11.64	.074292	625359	VV	3.9439	Tetrachloro-m-xylene
45	12.05		.133822	18315	VV	0.0000	
46	12.28		.109841	17918	VV	0.0000	
47	12.69		.135168	19762	VV	0.0000	
48	13.06		.138368	19059	PV	0.0000	
49	13.33		.099335	20916	PV	0.0000	
50	13.55		.096641	31487	VV	0.0000	
51	13.89		.087951	45515	VV	0.0000	
52	14.18		.081962	14380	PV	0.0000	
53	14.60		.116596	20781	BV	0.0000	
54	15.04		.149576	11258	VV	0.0000	
55	16.11		.174683	68682	BV	0.0000	
56	16.34		.121646	24807	VV	0.0000	
57	16.49		.092507	8723	VV	0.0000	
58	16.66		.104623	26950	VV	0.0000	
59	16.74	16.75	.097617	29621	VV	.1483	Heptachlor
60	16.92	16.87	.144557	36091	VV	.1974	delta-BHC
61	17.11		.122248	40202	VV	0.0000	
62	17.54		.063613	4416	PV	0.0000	
63	17.72		.092254	70729	VV	0.0000	
64	17.87	17.85	.113626	36725	VV	.1941	Aldrin
65	18.04		.078859	12184	VV	0.0000	
66	18.19		.057282	4068	PB	0.0000	
67	18.41		.144608	135237	BV	0.0000	
68	18.69		.085952	89599	PV	0.0000	
69	18.88		.106419	20443	VV	0.0000	
70	19.25	19.22	.091684	380346	VV	2.5738	Isodrin
71	19.61	19.61	.105094	507844	VV	2.7429	Heptachlor-epoxide
72	19.83		.082006	42211	VV	0.0000	
73	20.00		.099182	179162	VV	0.0000	
74	20.21	20.22	.117364	473813	VV	2.4457	gamma-Chlordane
75	20.40		.133088	1893628	VV	0.0000	
76	20.70	20.70	.085849	849755	VV	4.7853	alpha-Chlordane
77	20.97		.130188	96691	VV	0.0000	
78	21.11		.090486	37492	VV	0.0000	
79	21.38	21.40	.082118	802477	PV	4.8970	4,4'-DDE
80	21.53		.082684	170210	VV	0.0000	
81	21.73	21.69	.077650	110206	VV	.6599	Dieldrin
82	21.86		.110372	537882	VV	0.0000	
83	22.17		.138930	233034	VV	0.0000	
84	22.34	22.41	.137176	827154	VV	5.3681	Chloorebenzilate
85	22.61		.092282	113282	VV	0.0000	
86	22.81	22.74	.085058	510286	VV	3.7387	Endrin
87	22.92		.082311	382604	VV	0.0000	
88	23.06	23.07	.083397	335874	VV	2.5795	4,4'-DDD
89	23.41		.091737	111064	VV	0.0000	
90	23.61		.153867	606461	VV	0.0000	
91	24.16	24.15	.136114	1631570	VV	11.5020	4,4'-DDT
92	24.39	24.36	.107953	93208	VV	.7999	Endrin-aldehyde
93	24.63		.160976	125921	VV	0.0000	
94	24.75		.082733	37817	VV	0.0000	

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	24.88		.116591	89742	VV	0.0000	
96	25.11		.099492	33171	PV	0.0000	
97	25.73		.101082	269096	BV	0.0000	
98	26.04		.121884	197738	VV	0.0000	
99	26.28		.094161	169197	VV	0.0000	
100	26.35		.142417	269654	VV	0.0000	
101	26.75		.092797	24603	VB	0.0000	
102	26.94		.053002	6291	BV	0.0000	
103	27.17	27.20	.174685	135195	VV	2.5124	Methoxychlor
104	27.55		.101967	29805	PV	0.0000	
105	27.64	27.63	.079886	23784	VV	.1653	Endrin ketone
106	27.75		.101001	60808	VV	0.0000	
107	27.93		.108769	134222	VB	0.0000	
108	28.25		.058006	4989	BV	0.0000	
109	28.39		.117085	88293	VV	0.0000	
110	28.59		.102279	20514	VV	0.0000	
111	28.70		.104980	13658	VV	0.0000	
112	28.93		.138790	16348	VV	0.0000	
113	29.57		.197239	193684	PV	0.0000	
114	29.67		.139118	142131	VV	0.0000	
115	30.42		.432575	46450	VV	0.0000	
116	30.85		.072718	27564	PV	0.0000	
117	31.86	#31.88	.120979	785709	BV	6.8420	Decachlorobiphenyl
118	32.17		.125200	201044	VV	0.0000	
119	32.37		.165479	93246	VV	0.0000	
120	33.88		.189091	14553	PV	0.0000	
121	34.30		.164163	25221	VV	0.0000	
122	34.56		.185513	59372	VV	0.0000	
123	35.03		.224175	21450	VV	0.0000	

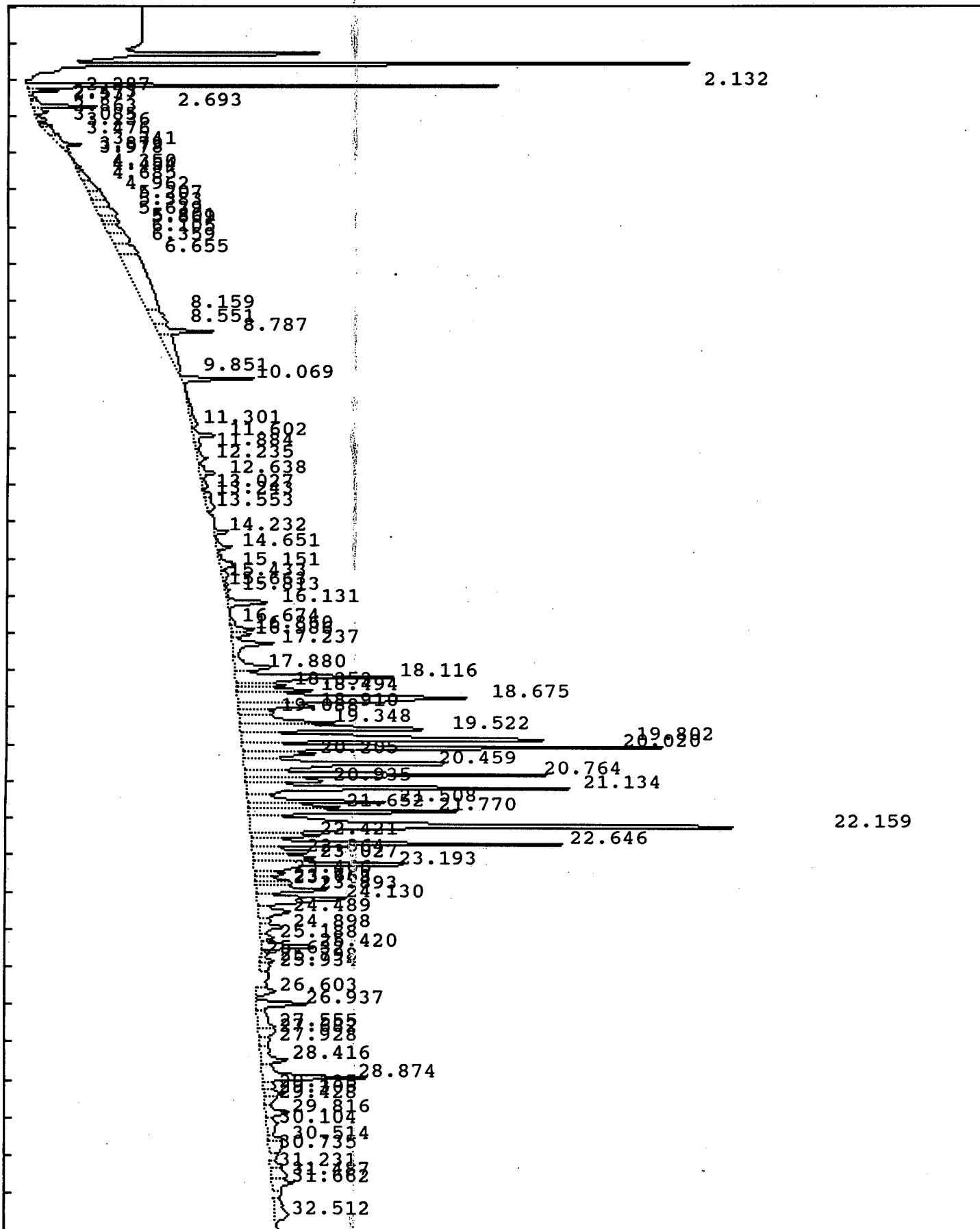
Total Area : 21143056 Total PPB : 56.096

Report Time : 0739 12May1998
 Method : /DATA/LOOP/METHOD/B4509_132.MT
 Result File : /HP58904B/RESULT/B4509132.RES

IEA Pesticide Standard Report

Sample Name : 980920A-17 CDY-017 DF=5 A/S
Result File : /HP58904A/RESULT/A4524139.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1953 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-17 CDY-017 DF=5 A/S Report No : 33.10
 Result File : /HP58904A/RESULT/A4524139.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1953 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 40 Bottle no. : 40

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.041474	323880	VV	0.0000	
2	2.29		.038716	18672	VV	0.0000	
3	2.47		.055673	4909	VV	0.0000	
4	2.54		.043040	3592	VV	0.0000	
5	2.69		.049722	63842	VV	0.0000	
6	2.86		.101166	17555	VV	0.0000	
7	3.09		.116460	13777	VV	0.0000	
8	3.24		.087576	11924	PV	0.0000	
9	3.48		.188177	22162	VV	0.0000	
10	3.74		.111816	34932	VV	0.0000	
11	3.88		.077593	5739	VV	0.0000	
12	3.98		.069611	3960	VB	0.0000	
13	4.35		.144925	9776	BV	0.0000	
14	4.45		.077528	6074	VV	0.0000	
15	4.68		.189839	17488	VV	0.0000	
16	4.96		.193601	30189	VV	0.0000	
17	5.21		.223786	36317	VV	0.0000	
18	5.38		.163040	27964	VV	0.0000	
19	5.64		.241570	50269	VV	0.0000	
20	5.80		.127976	23646	VV	0.0000	
21	5.87		.086354	14800	VV	0.0000	
22	6.11		.192750	36465	VV	0.0000	
23	6.36		.260916	52490	VV	0.0000	
24	6.65		.272788	61116	VV	0.0000	
25	8.16		1.710566	280822	VV	0.0000	
26	8.55		.314768	55070	VV	0.0000	
27	8.79		.107584	73138	VV	0.0000	
28	9.85		1.927445	93010	VV	0.0000	
29	10.07	10.06	.077726	69915	VB	.6483	Tetrachloro-m-xylene
30	11.30		.510529	31773	BV	0.0000	
31	11.60		.110460	33050	VV	0.0000	
32	11.88		.146618	10849	VV	0.0000	
33	12.24		.188117	21158	VV	0.0000	
34	12.64		.152165	28646	VV	0.0000	
35	13.03		.254058	13559	VV	0.0000	
36	13.24		.165337	12882	PV	0.0000	
37	13.55		.271578	23548	VV	0.0000	
38	14.23		.083781	14821	BV	0.0000	
39	14.65	14.66	.109853	22875	PV	.2000	gamma-BHC (Lindane)

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IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	15.15		.183160	33970	PV	0.0000	
41	15.43		.206925	14179	VV	0.0000	
42	15.66		.084293	4566	VV	0.0000	
43	15.81		.089820	4883	VV	0.0000	
44	16.13		.124290	57835	VB	0.0000	
45	16.67		.149623	8143	BV	0.0000	
46	16.86		.104482	27682	VV	0.0000	
47	16.99		.102312	22206	VV	0.0000	
48	17.24		.156658	73174	VV	0.0000	
49	17.88		.198485	75107	VV	0.0000	
50	18.12		.120090	220969	VV	0.0000	
51	18.35	18.35	.098284	55160	VV	.5373	<u>Heptachlor epoxide</u>
52	18.49		.104160	89131	VV	0.0000	
53	18.68		.153032	434228	VV	0.0000	
54	18.91		.112567	99190	VV	0.0000	
55	19.09		.142794	51826	VV	0.0000	
56	19.35	19.35	.131338	141669	VV	1.2975	<u>gamma-Chlordane</u>
57	19.52	19.51	.119165	283176	VV	2.6797	<u>alpha-Chlordane</u>
58	19.80	19.80	.111110	481801	VV	5.0973	<u>4,4'-DDE</u>
59	20.02		.088849	442403	VV	0.0000	
60	20.20		.149080	118471	VV	0.0000	
61	20.46		.119470	326395	VV	0.0000	
62	20.76		.095565	333319	VV	0.0000	
63	20.94	20.91	.099159	95310	VV	1.2486	<u>Endrin</u>
64	21.13		.095199	375499	VV	0.0000	
65	21.51		.102016	172877	VV	0.0000	
66	21.65	21.68	.081074	85916	VV	2.2167	<u>Chlorobenzilate</u>
67	21.77		.090033	238503	VV	0.0000	
68	22.16	22.16	.125688	810711	VV	11.0097	<u>4,4'-DDD</u>
69	22.42		.131331	98061	VV	0.0000	
70	22.65	22.65	.085015	317473	VV	4.9749	<u>4,4'-DDT</u>
71	22.86		.111749	79582	VV	0.0000	
72	23.03		.134818	89660	VV	0.0000	
73	23.19		.113346	231320	VV	0.0000	
74	23.47		.113034	39498	VV	0.0000	
75	23.66	23.63	.115031	44662	VV	.9771	<u>Endrin aldehyde</u>
76	23.75		.088710	34862	VV	0.0000	<i>by streak</i>
77	23.89		.118937	99451	VV	0.0000	
78	24.13		.163781	172333	VV	0.0000	
79	24.49		.177446	61778	VV	0.0000	
80	24.90		.142958	40147	VV	0.0000	
81	25.19		.122502	17651	VV	0.0000	
82	25.42		.120181	72530	VB	0.0000	
83	25.63		.106076	9038	BV	0.0000	
84	25.80		.118223	18319	VV	0.0000	
85	25.93		.164811	19218	VV	0.0000	
86	26.60		.160663	35671	VV	0.0000	
87	26.94		.130091	74414	PV	0.0000	
88	27.56		.312037	61534	VV	0.0000	
89	27.68		.176273	33105	VV	0.0000	
90	27.93		.196846	24174	VV	0.0000	
91	28.42		.217342	66165	VV	0.0000	
92	28.87	#28.88	.132644	154692	VV	1.5640	<u>Decachlorobiphenyl</u>
93	29.13		.175046	22098	VV	0.0000	
94	29.31		.129626	26122	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	29.43		.183343	26066	VV	0.0000	
96	29.82		.171125	44168	VV	0.0000	
97	30.10		.312160	37558	VV	0.0000	
98	30.51		.123020	21167	VV	0.0000	
99	30.74		.292404	43036	VV	0.0000	
100	31.23		.154392	19310	VV	0.0000	
101	31.49		.224608	39898	VV	0.0000	
102	31.66		.169917	43300	VV	0.0000	
103	32.51		.383593	56814	VV	0.0000	

Total Area : 9129830 Total PPB : 32.451

Report Time : 1422 11May1998
Method : /DATA/LOOP/METHOD/A4524_139.MT
Result File : /HP58904A/RESULT/A4524139.RES

0144

IEA Pesticide Standard Report

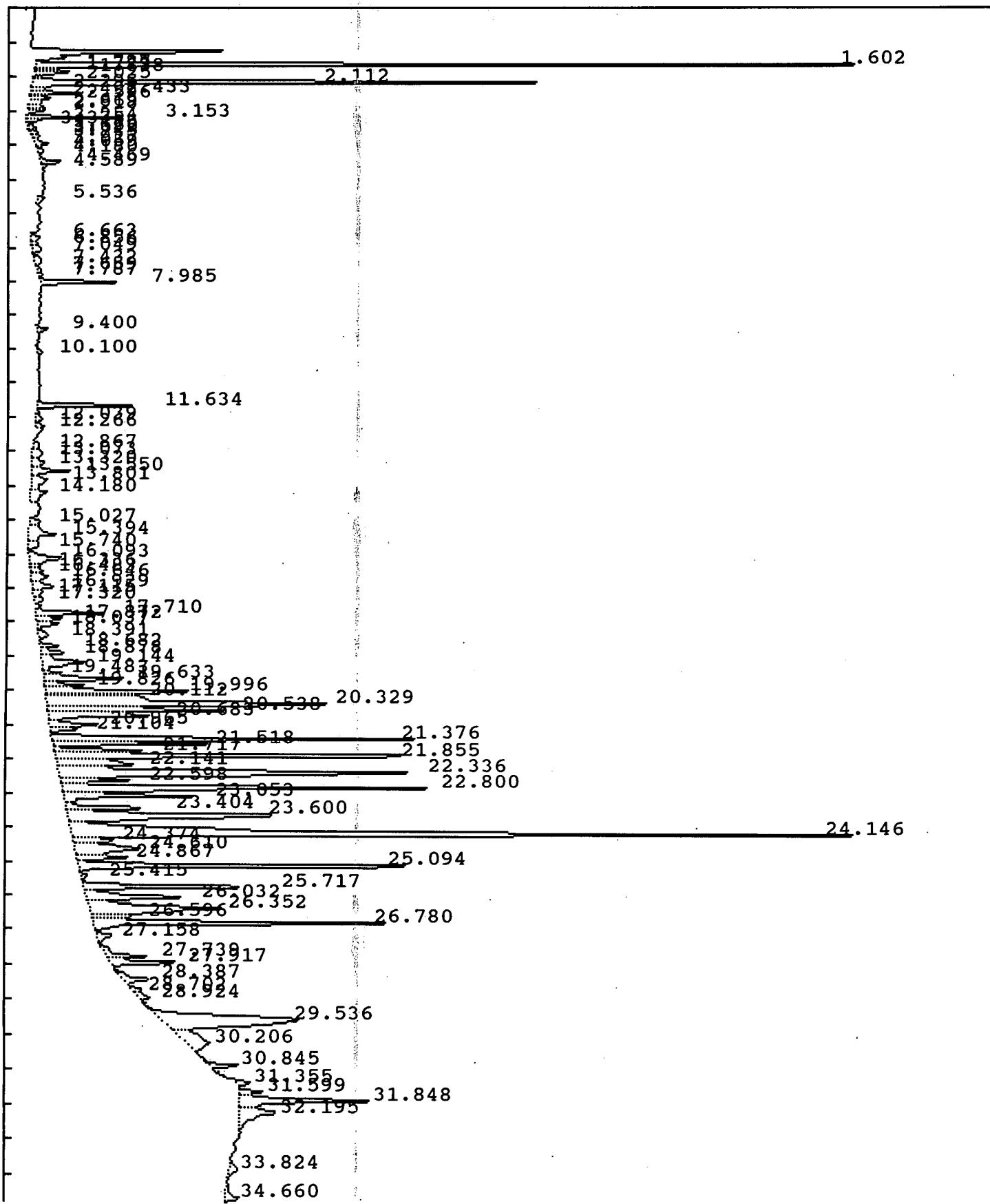
Sample Name : 980920A-17 CDY-017 DF=5 Inj on 0115 06May1998

Result File : /HP58904B/RESULT/B4509133.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-17 CDY-017 DF=5 A/S Report No : 49.10
 Result File : /HP58904B/RESULT/B4509133.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0115 06May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 34 Bottle no. : 34

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.60		.044563	1013998	BV	0.0000	
2	1.73		.047294	17167	VV	0.0000	
3	1.78		.039420	16108	VV	0.0000	
4	1.84		.065281	41448	VV	0.0000	
5	2.02		.048844	16420	VV	0.0000	
6	2.11		.054293	641023	VV	0.0000	
7	2.30		.085099	20692	VV	0.0000	
8	2.43		.055001	54206	VV	0.0000	
9	2.49		.053904	14201	VV	0.0000	
10	2.60		.065987	23023	VV	0.0000	
11	2.87		.058266	15321	VV	0.0000	
12	2.92		.046514	11954	VV	0.0000	
13	3.15		.053769	98228	PV	0.0000	
14	3.25		.068212	13714	VV	0.0000	
15	3.38		.051578	5609	PV	0.0000	
16	3.49		.105078	14710	VV	0.0000	
17	3.56		.068135	8279	VV	0.0000	
18	3.65		.073777	11087	VV	0.0000	
19	3.75		.080092	12340	VV	0.0000	
20	3.93		.119310	26193	VV	0.0000	
21	4.06		.060794	4520	VV	0.0000	
22	4.18		.122521	9595	VB	0.0000	
23	4.47		.069115	29840	BV	0.0000	
24	4.59		.065769	5817	VV	0.0000	
25	5.54		.145033	17092	VV	0.0000	
26	6.66		.160055	21099	PV	0.0000	
27	6.86		.107615	9716	VV	0.0000	
28	7.05		.187928	23475	VV	0.0000	
29	7.43		.278437	25145	PV	0.0000	
30	7.66		.173340	8141	VV	0.0000	
31	7.79		.109516	6733	VV	0.0000	
32	7.99		.079705	100103	VV	0.0000	
33	9.40		.100368	16995	PB	0.0000	
34	10.10		.110787	8119	PB	0.0000	
35	11.63	11.64	.074101	122159	VV	.7704	Tetrachloro-m-xylene
36	12.04		.148514	15107	VV	0.0000	
37	12.27		.130073	16775	VV	0.0000	
38	12.87		.199168	16927	PV	0.0000	
39	13.07		.214441	33139	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	13.32		.156679	32677	VV	0.0000	
41	13.55		.103747	60895	VV	0.0000	
42	13.80		.240159	60097	VV	0.0000	
43	14.18		.230182	55903	VV	0.0000	
44	15.03		.150325	23509	VV	0.0000	
45	15.39	15.41	.203801	89442	VV	.4552	gamma-BHC (Lindane)
46	15.74	15.65	.181977	29144	VV	.2822	beta-BHC
47	16.09		.183355	95600	PV	0.0000	
48	16.34		.106484	16373	VV	0.0000	
49	16.48		.116423	21724	VV	0.0000	
50	16.65		.160491	42462	VV	0.0000	
51	16.93	16.87	.162652	52370	VV	.2864	delta-BHC
52	17.11		.142687	21920	VV	0.0000	
53	17.32		.160438	23930	VV	0.0000	
54	17.71		.096796	103047	VV	0.0000	
55	17.87	17.85	.114504	44099	VV	.2330	Aldrin
56	18.04		.106793	35322	VV	0.0000	
57	18.39		.188172	24927	VV	0.0000	
58	18.68		.093334	28402	VV	0.0000	
59	18.88		.100312	41593	VV	0.0000	
60	19.14	19.22	.173886	115845	VV	.7839	Isodrin
61	19.48		.082344	24994	VV	0.0000	
62	19.63	19.61	.104333	130917	VV	.7071	Heptachlor epoxide
63	19.83		.096890	57468	VV	0.0000	
64	20.00		.100242	227416	VV	0.0000	
65	20.11		.082463	118523	VV	0.0000	
66	20.33		.172533	697397	VV	0.0000	
67	20.54		.101310	274903	VV	0.0000	
68	20.68	20.70	.100313	170811	VV	.9619	alpha-Chlordane
69	20.97		.112685	81072	VV	0.0000	
70	21.10		.093347	36726	VV	0.0000	
71	21.38	21.40	.089073	506847	PV	3.0930	4,4'-DDE
72	21.52		.082833	197241	VV	0.0000	
73	21.72	21.69	.075388	108405	VV	.6492	Dieldrin
74	21.85		.097648	631908	VV	0.0000	
75	22.14		.171839	190505	VV	0.0000	
76	22.34	22.41	.153729	814635	VV	5.2868	Chlorobenzilate
77	22.60		.088148	93686	VV	0.0000	
78	22.80	22.74	.109994	620962	VV	4.5496	Endrin
79	23.05	23.07	.095159	198153	VV	1.5218	4,4'-DDD
80	23.40	23.31	.094162	121987	VV	.8753	Endosulfan-II
81	23.60		.173327	546579	VV	0.0000	
82	24.15	24.15	.137149	1587603	VV	11.1920	4,4'-DDT
83	24.37	24.36	.109963	70028	VV	.6010	Endrin aldehyde
84	24.61		.226480	207016	VV	0.0000	
85	24.87		.105657	77711	VV	0.0000	
86	25.09		.093025	550426	VV	0.0000	
87	25.41		.124448	13050	VV	0.0000	
88	25.72		.102938	272359	PV	0.0000	
89	26.03		.142570	203753	VV	0.0000	
90	26.35		.200644	383989	VV	0.0000	
91	26.60		.097927	56472	VV	0.0000	
92	26.78		.102312	463681	VV	0.0000	
93	27.16	27.20	.163010	38695	VV	.7191	Methoxychlor
94	27.74		.128592	77390	PV	0.0000	

MSL

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	27.92		.100470	106333	VV	0.0000	
96	28.39		.159397	65470	PV	0.0000	
97	28.70		.131253	20531	VV	0.0000	
98	28.92		.155795	29673	VV	0.0000	
99	29.54		.322280	617505	PV	0.0000	
100	30.21		.453674	155533	VV	0.0000	
101	30.85		.096206	45679	VV	0.0000	
102	31.35		.179854	40660	PB	0.0000	
103	31.60		.094153	31245	BV	0.0000	
104	31.85	#31.88	.132018	257739	VV	2.2444	Decachlorobiphenyl
105	32.19		.245107	129001	VB	0.0000	
106	33.82		.258221	29482	PV	0.0000	
107	34.66		.177161	38625	PV	0.0000	

Total Area : 15006294 Total PPB : 35.212

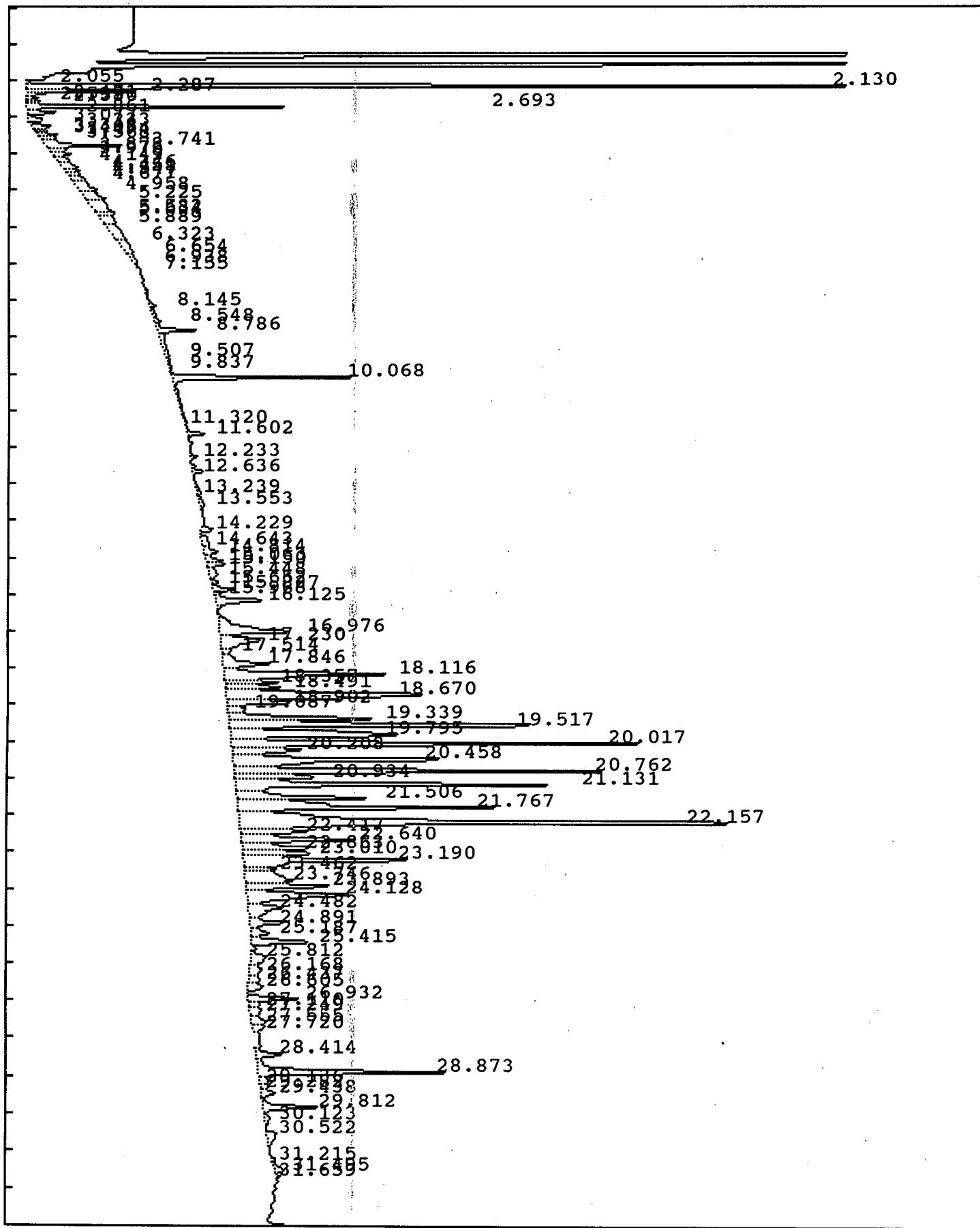
Report Time : 0801 12May1998
 Method : /DATA/LOOP/METHOD/B4509_133.MT
 Result File : /HP58904B/RESULT/B4509133.RES

0149

IEA Pesticide Standard Report

Sample Name : 980920A-18 CDY-018 DF=2 A/S
Result File : /HP58904A/RESULT/A4524140.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2039 05May1998
INSTRUMENT: HP5890A
nj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-18 CDY-018 DF=2 A/S Report No : 34.10
 Result File : /HP58904A/RESULT/A4524140.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2039 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 41 Bottle no. : 41

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.05		.030268	1963	BV	0.0000	
2	2.13		.042308	847760	VV	0.0000	
3	2.29		.040534	67945	VV	0.0000	
4	2.47		.047243	8072	VV	0.0000	
5	2.53		.039441	5337	VV	0.0000	
6	2.58		.066216	10069	VV	0.0000	
7	2.69		.039364	202555	VV	0.0000	
8	2.86		.087594	29724	VV	0.0000	
9	3.08		.112916	18474	VV	0.0000	
10	3.23		.106897	25471	PV	0.0000	
11	3.35		.052320	7403	VV	0.0000	
12	3.40		.049134	6463	VV	0.0000	
13	3.47		.070807	18026	VV	0.0000	
14	3.57		.082014	14844	VV	0.0000	
15	3.74		.073439	78588	VV	0.0000	
16	3.88		.071825	14213	VV	0.0000	
17	3.98		.099914	23927	VV	0.0000	
18	4.15		.123893	19145	VV	0.0000	
19	4.35		.122597	26755	VV	0.0000	
20	4.45		.079127	13617	VV	0.0000	
21	4.55		.075246	11404	VV	0.0000	
22	4.68		.123294	21426	VV	0.0000	
23	4.96		.184376	44375	VV	0.0000	
24	5.23		.214468	48900	VV	0.0000	
25	5.58		.278906	58980	VV	0.0000	
26	5.63		.074250	15102	VV	0.0000	
27	5.89		.256546	34168	VV	0.0000	
28	6.32		.408130	49450	VV	0.0000	
29	6.65		.336473	33013	VV	0.0000	
30	6.94		.267584	14492	VV	0.0000	
31	7.15		.173427	6048	VB	0.0000	
32	8.15		.194130	13082	PV	0.0000	
33	8.55		.188059	14764	VV	0.0000	
34	8.79		.083668	38585	VV	0.0000	
35	9.51		.693754	29450	VV	0.0000	
36	9.84		.355975	10961	VB	0.0000	
37	10.07	10.06	.071568	159197	BV	1.4761	Tetrachloro-m-xylene
38	11.32		.738147	17263	VV	0.0000	
39	11.60		.083385	19210	VB	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	12.23		.067659	5574	BB	0.0000	
41	12.64		.083161	11470	VB	0.0000	
42	13.24		.219138	8753	BV	0.0000	
43	13.55		.245139	11638	VV	0.0000	
44	14.23		.100596	14507	BV	0.0000	
45	14.64	14.66	.292511	20272	PV	.1773	gamma-BHC (Lindane)
46	14.81		.135419	21621	VV	0.0000	
47	15.06		.105465	19651	VV	0.0000	
48	15.15		.102636	19950	VV	0.0000	
49	15.45		.249797	19864	VV	0.0000	
50	15.65		.110660	9176	VV	0.0000	
51	15.83		.089333	23828	VV	0.0000	
52	15.97		.082199	6554	VV	0.0000	
53	16.13		.125025	70034	VB	0.0000	
54	16.98		.154787	138719	BV	0.0000	
55	17.23		.226914	94859	VV	0.0000	
56	17.51	17.48	.118338	12309	VV	.1428	Isodrin
57	17.85	17.83	.163304	84856	VV	.8854	delta-BHC
58	18.12		.122467	229233	VV	0.0000	
59	18.36	18.35	.095612	57819	VV	.5632	Heptachlor-epoxide
60	18.49		.090223	58004	VV	0.0000	
61	18.67		.150530	374406	VV	0.0000	
62	18.90		.102994	80741	VV	0.0000	
63	19.09		.150426	29306	VV	0.0000	
64	19.34	19.35	.100355	173560	VV	1.5896	gamma-Chlordane
65	19.52	19.51	.093585	394545	VV	3.7336	alpha-Chlordane
66	19.79	19.80	.145187	303425	VV	3.2101	4,4'-DDE
67	20.02		.087330	412093	VV	0.0000	
68	20.21		.145235	110412	VV	0.0000	
69	20.46		.120659	326599	VV	0.0000	
70	20.76		.090914	385305	VV	0.0000	
71	20.93	20.91	.102081	99819	VV	1.3077	Endrin
72	21.13		.095236	368324	VV	0.0000	
73	21.51		.110904	176165	VV	0.0000	
74	21.77	21.68	.114677	362213	VV	9.3455	Chlorobenzilate
75	22.16	22.16	.127298	834628	VV	11.3345	4,4'-DDD
76	22.42	22.34	.134579	96864	VV	1.1336	Endosulfan-II
77	22.64	22.65	.114868	154211	VV	2.4165	4,4'-DDT
78	22.86		.110859	94025	VV	0.0000	
79	23.01		.131447	98327	VV	0.0000	
80	23.19		.115730	244209	VV	0.0000	
81	23.46		.098602	34797	VV	0.0000	
82	23.75		.210835	111649	VV	0.0000	
83	23.89		.117600	112402	VV	0.0000	
84	24.13		.166704	192089	VV	0.0000	
85	24.48		.226001	83384	VV	0.0000	
86	24.89		.121985	49145	VV	0.0000	
87	25.19		.138822	28160	VV	0.0000	
88	25.42		.125215	80315	VB	0.0000	
89	25.81		.235547	41985	VV	0.0000	
90	26.17	26.22	.224391	29088	VV	.3946	Endrin ketone
91	26.44		.153645	19975	VV	0.0000	
92	26.60		.171671	27734	VV	0.0000	
93	26.93		.113474	64045	PV	0.0000	
94	27.11		.103460	13894	VV	0.0000	

M 5/12/88

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	27.25		.197990	26193	VV	0.0000	
96	27.56		.147810	25806	VV	0.0000	
97	27.72		.170342	22643	VV	0.0000	
98	28.41		.114553	35300	VV	0.0000	
99	28.87	#28.88	.108286	225066	VV	2.2755	Decachlorobiphenyl
100	29.14		.165766	16096	VV	0.0000	
101	29.28		.129822	11097	VV	0.0000	
102	29.44		.145083	21384	VV	0.0000	
103	29.81		.113435	67793	VV	0.0000	
104	30.12		.188008	13156	VV	0.0000	
105	30.52		.268534	27636	VV	0.0000	
106	31.22		.101040	4974	BV	0.0000	
107	31.49		.169662	16798	VV	0.0000	
108	31.66		.073480	2928	VV	0.0000	

Total Area : 9543622 Total PPB : 39.986

Report Time : 1424 11May1998
Method : /DATA/LOOP/METHOD/A4524_140.MT
Result File : /HP58904A/RESULT/A4524140.RES

0153

IEA Pesticide Standard Report

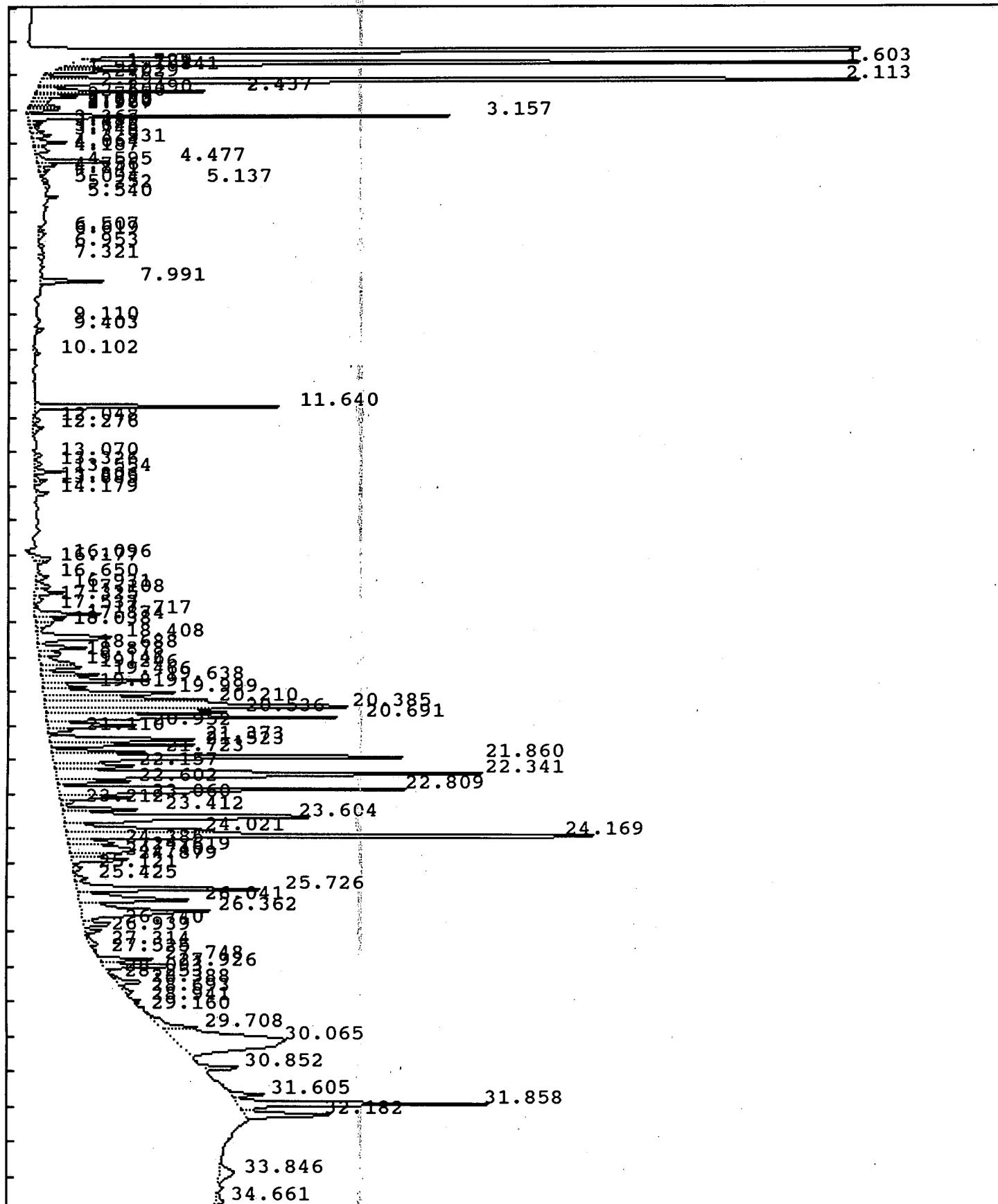
Sample Name : 980920A-18 CDY-018 DF=2 Inj on 0201 06May1998

Result File : /HP58904B/RESULT/B4509134.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-18 CDY-018 DF=2 A/S Report No : 50.10
 Result File : /HP58904B/RESULT/B4509134.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0201 06May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 35 Bottle no. : 35

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.60		.046022	1614574	BV	0.0000	
2	1.73		.044673	27075	VV	0.0000	
3	1.78		.034255	19234	VV	0.0000	
4	1.84		.054775	88879	VV	0.0000	
5	1.94		.031062	4617	VV	0.0000	
6	2.03		.041502	33054	PV	0.0000	
7	2.11		.054727	1689961	VV	0.0000	
8	2.30		.063610	29825	VV	0.0000	
9	2.44		.049421	156512	VV	0.0000	
10	2.49		.047579	42809	VV	0.0000	
11	2.60		.053188	40895	VV	0.0000	
12	2.71		.073467	21939	VV	0.0000	
13	2.78		.067904	20232	VV	0.0000	
14	2.87		.052039	24935	VV	0.0000	
15	2.92		.043827	19745	VV	0.0000	
16	2.97		.067657	31059	VV	0.0000	
17	3.16		.054322	417769	PV	0.0000	
18	3.37		.051735	12368	VV	0.0000	
19	3.49		.081501	12875	VV	0.0000	
20	3.65		.083080	22140	VV	0.0000	
21	3.75		.064266	23597	VV	0.0000	
22	3.93		.090659	48819	VV	0.0000	
23	4.06		.063599	9233	VV	0.0000	
24	4.19		.122628	26565	VV	0.0000	
25	4.48		.067300	109553	VV	0.0000	
26	4.60		.075954	22399	VV	0.0000	
27	4.76		.091435	15109	VV	0.0000	
28	4.84		.068975	6817	VV	0.0000	
29	5.09		.115740	8219	PV	0.0000	
30	5.14		.049633	2868	VV	0.0000	
31	5.25		.081806	5212	VV	0.0000	
32	5.54		.053713	11237	BV	0.0000	
33	6.51		.077979	5385	PV	0.0000	
34	6.62		.169501	17716	VV	0.0000	
35	6.95		.093630	8369	PV	0.0000	
36	7.32		.142496	12999	VV	0.0000	
37	7.99		.076594	77336	VV	0.0000	
38	9.11		.068262	5887	BV	0.0000	
39	9.40		.075975	9786	PB	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	10.10		.103464	8600	PV	0.0000	
41	11.64	11.64	.073741	289287	BV	1.8244	Tetrachloro-m-xylene
42	12.05		.130221	11674	PV	0.0000	
43	12.28		.107391	16594	VV	0.0000	
44	13.07		.083332	9781	BV	0.0000	
45	13.33		.101228	11487	VV	0.0000	
46	13.55		.082745	36738	VV	0.0000	
47	13.81		.075009	14462	VV	0.0000	
48	13.88		.082969	12358	VV	0.0000	
49	14.18		.086751	18725	PV	0.0000	
50	16.10		.134071	41160	PV	0.0000	
51	16.18		.081954	17894	VB	0.0000	
52	16.65		.125232	21863	VV	0.0000	
53	16.93	16.87	.135842	29837	VV	.1632	delta-BHC
54	17.11		.095747	44186	VV	0.0000	
55	17.32		.143804	18526	VV	0.0000	
56	17.54		.070563	5968	PV	0.0000	
57	17.72		.094538	96084	VV	0.0000	
58	17.87	17.85	.123220	53922	VV	.2850	Aldrin
59	18.04		.094070	23414	VV	0.0000	
60	18.41		.138658	167579	VV	0.0000	
61	18.69		.097989	70317	VV	0.0000	
62	18.88		.125719	44110	VV	0.0000	
63	19.15		.134971	69743	VV	0.0000	
64	19.25	19.22	.096602	63939	VV	.4327	Isodrin
65	19.47		.114075	93957	VV	0.0000	
66	19.64	19.61	.108081	186911	VV	1.0095	Heptachlor-epoxide
67	19.82		.090248	60420	VV	0.0000	
68	20.00		.100646	216410	VV	0.0000	
69	20.21	20.22	.121496	343465	VV	1.7729	gamma-Chlordane
70	20.38		.148764	656452	VV	0.0000	
71	20.54		.105612	290818	VV	0.0000	
72	20.69	20.70	.097319	445723	VV	2.5101	alpha-Chlordane
73	20.95		.111216	142886	VV	0.0000	
74	21.11		.090427	31913	VV	0.0000	
75	21.37	21.40	.120847	253423	PV	1.5465	4,4'-DDE
76	21.52		.083427	182506	VV	0.0000	
77	21.72	21.69	.074191	107410	VV	.6432	Dieldrin
78	21.86		.111638	678478	VV	0.0000	
79	22.16		.114605	137639	VV	0.0000	
80	22.34	22.41	.137631	880032	VV	5.7112	Chlorobenzilate
81	22.60		.087145	95027	VV	0.0000	
82	22.81	22.74	.113314	597101	VV	4.3748	Endrin
83	23.06	23.07	.093332	101251	VV	.7776	4,4'-DDD
84	23.21	23.31	.092034	18730	VV	.1344	Endosulfan-II
85	23.41		.088863	108004	VV	0.0000	
86	23.60		.155719	605069	VV	0.0000	
87	24.02		.117240	273128	VV	0.0000	
88	24.17	24.15	.105124	935004	VV	6.5914	4,4'-DDT
89	24.39	24.36	.108858	75139	VV	.6449	Endrin aldehyde
90	24.62		.203568	184279	VV	0.0000	
91	24.74		.081227	42543	VV	0.0000	
92	24.88		.105963	92693	VV	0.0000	
93	25.12		.140624	17329	PV	0.0000	
94	25.43		.129857	22100	VV	0.0000	

M/5/12/97

0156

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	25.73		.109388	303872	VV	0.0000	
96	26.04		.148671	235493	VV	0.0000	
97	26.36		.186701	346045	VV	0.0000	
98	26.74		.104112	47406	VV	0.0000	
99	26.94		.093542	23490	VV	0.0000	
100	27.31		.137605	17103	PV	0.0000	
101	27.52		.115175	4517	PV	0.0000	
102	27.75		.091847	74627	VV	0.0000	
103	27.93		.103014	115566	VV	0.0000	
104	28.09		.059017	2682	VV	0.0000	
105	28.25		.072854	7315	PV	0.0000	
106	28.39		.117722	47563	VV	0.0000	
107	28.69		.152570	21486	VV	0.0000	
108	28.94		.073590	9765	PV	0.0000	
109	29.16		.065334	4987	PV	0.0000	
110	29.71		.182771	94073	VV	0.0000	
111	30.07		.478367	734253	VV	0.0000	
112	30.85		.086144	50777	PV	0.0000	
113	31.60		.098013	48340	BV	0.0000	
114	31.86 #31.88		.109479	401720	VV	3.4982	Decachlorobiphenyl
115	32.18		.128698	158960	VB	0.0000	
116	33.85		.303676	65520	BV	0.0000	
117	34.66		.197955	21952	VV	0.0000	

Total Area : 16669212 Total PPB : 31.920

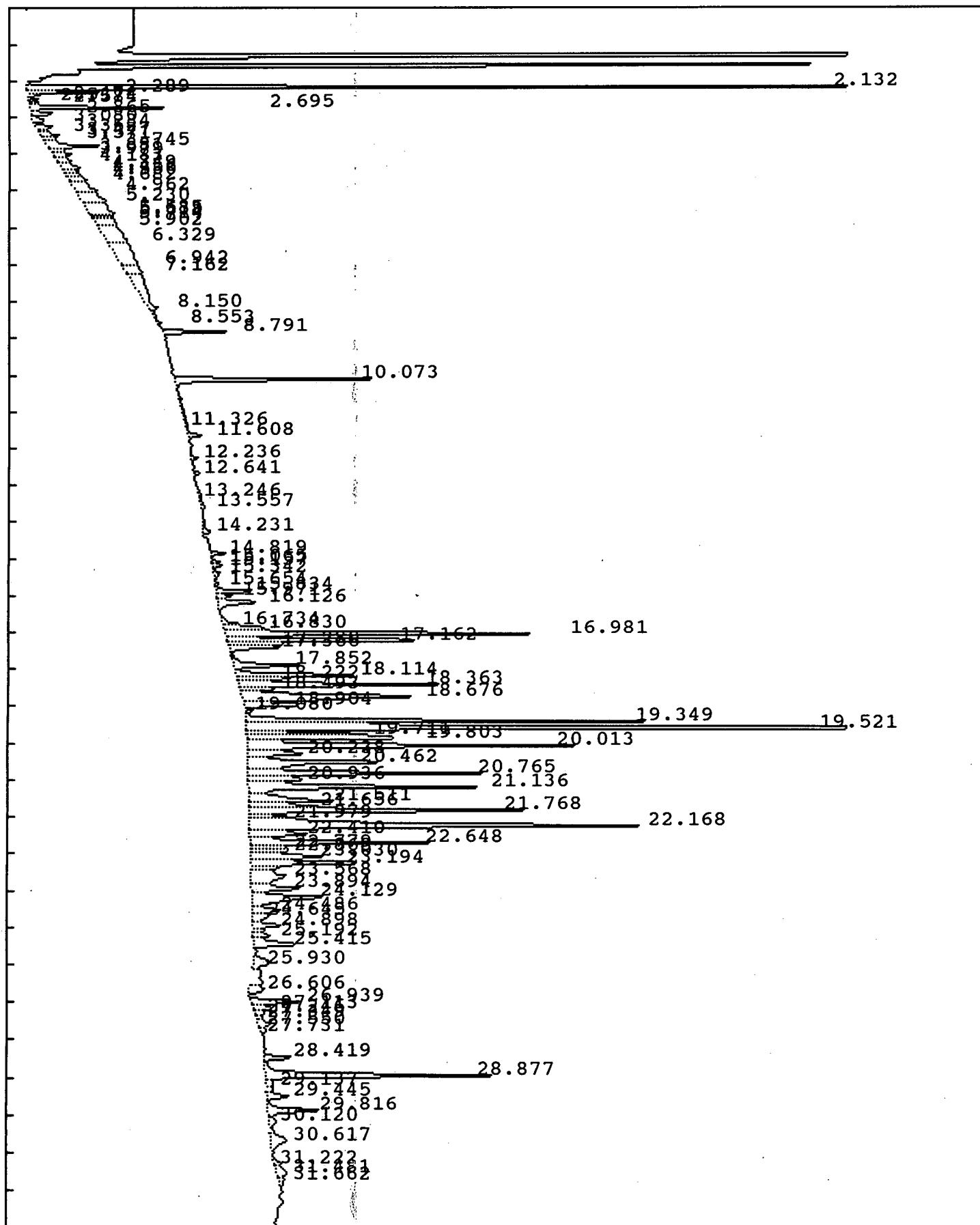
Report Time : 0803 12May1998
 Method : /DATA/LOOP/METHOD/B4509_134.MT
 Result File : /HP58904B/RESULT/B4509134.RES

0158

IEA Pesticide Standard Report

Sample Name : 980920A-19 CDY-019 DF=2 A/S
Result File : /HP58904A/RESULT/A4524129.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1152 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-19 CDY-019 DF=2 A/S Report No : 23.10
 Result File : /HP58904A/RESULT/A4524129.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1152 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 30 Bottle no. : 30

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.042991	644759	VV	0.0000	
2	2.29		.041503	45580	VV	0.0000	
3	2.47		.043239	5542	VV	0.0000	
4	2.54		.039140	3867	VV	0.0000	
5	2.58		.066394	7362	VV	0.0000	
6	2.70		.041344	104417	VV	0.0000	
7	2.87		.089549	24852	VV	0.0000	
8	3.08		.115027	15710	VV	0.0000	
9	3.23		.105560	21973	PV	0.0000	
10	3.35		.051074	5762	VV	0.0000	
11	3.48		.095870	22894	VV	0.0000	
12	3.57		.078369	12366	VV	0.0000	
13	3.74		.095714	64018	VV	0.0000	
14	3.88		.065867	11224	VV	0.0000	
15	3.98		.106316	24557	VV	0.0000	
16	4.18		.130672	20124	VV	0.0000	
17	4.35		.130537	29566	VV	0.0000	
18	4.46		.081529	14317	VV	0.0000	
19	4.55		.076337	13080	VV	0.0000	
20	4.68		.127244	25401	VV	0.0000	
21	4.96		.205279	54867	VV	0.0000	
22	5.23		.227245	63005	VV	0.0000	
23	5.59		.298108	80389	VV	0.0000	
24	5.64		.060188	15199	VV	0.0000	
25	5.71		.070033	16428	VV	0.0000	
26	5.90		.186892	40750	VV	0.0000	
27	6.33		.410451	93857	VV	0.0000	
28	6.94		.647713	122004	VV	0.0000	
29	7.16		.228086	40571	VV	0.0000	
30	8.15		.791054	104186	VV	0.0000	
31	8.55		.236963	10559	VV	0.0000	
32	8.79		.067123	51259	VV	0.0000	
33	10.07	10.06	.070384	177179	BB	1.6428	Tetrachloro-m-xylene
34	11.33		.392421	10089	BV	0.0000	
35	11.61		.095237	15997	BV	0.0000	
36	12.24		.065448	4792	BB	0.0000	
37	12.64		.072198	5297	PB	0.0000	
38	13.25		.177698	6418	BV	0.0000	
39	13.56		.233098	8209	BV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	14.23		.171560	17910	BV	0.0000	
41	14.82		.077437	13478	BV	0.0000	
42	15.06		.079728	6785	VV	0.0000	
43	15.16		.084068	9069	VV	0.0000	
44	15.34	15.33	.174451	11544	PV	.0989	<u>Heptachlor</u>
45	15.65		.074915	3669	VV	0.0000	
46	15.83		.075420	36361	VV	0.0000	
47	15.97		.074604	14135	VV	0.0000	
48	16.13		.125313	56974	BV	0.0000	
49	16.73		.096884	19176	BV	0.0000	
50	16.83		.079749	41490	VV	0.0000	
51	16.98		.078529	307948	VV	0.0000	
52	17.16		.076588	207568	VV	0.0000	
53	17.28		.075025	45581	VV	0.0000	
54	17.37		.086726	50457	VV	0.0000	
55	17.85	17.83	.094553	74333	PV	.7756	<u>delta-BHC</u>
56	18.11		.094968	129581	VV	0.0000	
57	18.22		.073804	36572	VV	0.0000	
58	18.36	18.35	.086189	196076	VV	1.9100	<u>Heptachlor epoxide</u>
59	18.49		.074668	30734	VV	0.0000	
60	18.68		.135674	275588	VV	0.0000	
61	18.90		.101763	68302	BV	0.0000	
62	19.08		.084519	8035	BV	0.0000	
63	19.35	19.35	.075616	364610	VV	3.3394	<u>gamma-Chlordane</u>
64	19.52	19.51	.079412	1026234	VV	9.7113	<u>alpha-Chlordane</u>
65	19.71		.086907	120432	VV	0.0000	
66	19.80	19.80	.082153	165091	VV	1.7466	<u>4,4'-DDE</u>
67	20.01		.098548	365574	VV	0.0000	
68	20.24	20.30	.115955	70834	VV	.7370	<u>Dieldrin</u>
69	20.46		.124461	212045	VV	0.0000	
70	20.77		.095185	255828	VV	0.0000	
71	20.94	20.91	.103910	66193	VV	.8671	<u>Endrin</u>
72	21.14		.097577	268279	VV	0.0000	
73	21.51		.126766	126069	VV	0.0000	
74	21.66	21.68	.078430	59764	VV	1.5420	<u>Chlорobenzilate</u>
75	21.77		.084835	289644	VV	0.0000	
76	21.98		.088358	45426	VV	0.0000	
77	22.17	22.16	.125151	554379	VV	7.5286	<u>4,4'-DDD</u>
78	22.41	22.34	.123704	78229	VV	.9155	<u>Endosulfan-II</u>
79	22.65	22.65	.092895	197145	VV	3.0893	<u>4,4'-DDT</u>
80	22.78		.069896	27264	VV	0.0000	
81	22.87		.090831	40807	VV	0.0000	
82	23.03		.132461	102234	VV	0.0000	
83	23.19		.104193	140338	VV	0.0000	
84	23.57	23.63	.253196	102306	VV	2.2382	<u>Endrin aldehyde</u>
85	23.89		.123517	69506	VV	0.0000	
86	24.13		.164570	134817	VV	0.0000	
87	24.49		.136196	41289	VV	0.0000	
88	24.65	24.68	.173838	31711	VV	.9287	<u>Methoxychlor</u>
89	24.90		.111021	36558	VV	0.0000	
90	25.19		.120444	23423	VV	0.0000	
91	25.42		.134317	63964	VV	0.0000	
92	25.93		.221381	37872	BV	0.0000	
93	26.61		.174681	26734	VV	0.0000	
94	26.94		.116438	62059	PV	0.0000	

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IEA Pesticide Standard Report

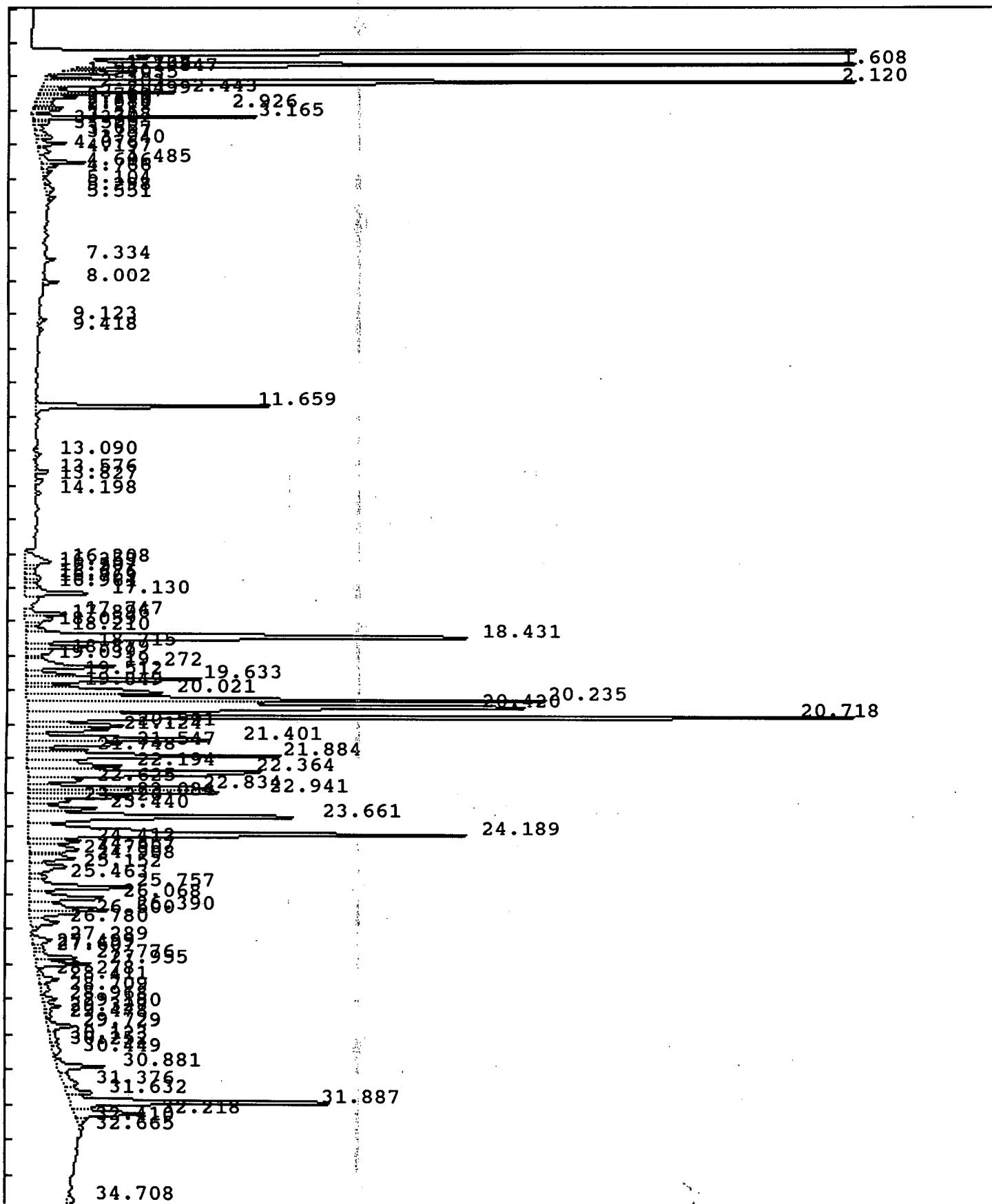
Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
95	27.11		.107993		24323	VV	0.0000	
96	27.25		.105730		11866	VV	0.0000	
97	27.35		.094029		7829	VV	0.0000	
98	27.55		.150873		19311	VV	0.0000	
99	27.73		.133058		8972	VV	0.0000	
100	28.42		.094248		30377	PV	0.0000	
101	28.88	#28.88	.099991		256945	VV	2.5978	Decachlorobiphenyl
102	29.14		.156682		12440	VV	0.0000	
103	29.45		.118705		29286	VV	0.0000	
104	29.82		.123017		69016	VV	0.0000	
105	30.12		.180518		14875	VV	0.0000	
106	30.62		.266644		46439	VV	0.0000	
107	31.22		.143534		12258	PV	0.0000	
108	31.48		.216293		24088	VV	0.0000	
109	31.66		.161849		11305	VB	0.0000	

Total Area : 9485776 Total PPB : 39.669

Report Time : 1204 11May1998
 Method : /DATA/LOOP/METHOD/A4524_129.MT
 Result File : /HP58904A/RESULT/A4524129.RES

IEA Pesticide Standard Report

Sample Name : 980920A-19 CDY-019 DF=2 Inj on 1620 07May1998
Result File : /DATA/LOOP/RESULT/B4509177.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-19 CDY-019 DF=2 A/S Report No : 94.00
 Result File : /DATA/LOOP/RESULT/B4509177.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1620 07May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 78 Bottle no. : 78

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.61		.044997	1359878	BV	0.0000	
2	1.74		.041746	21437	VV	0.0000	
3	1.79		.032477	16315	VV	0.0000	
4	1.85		.052626	90108	VV	0.0000	
5	1.95		.028890	3950	VV	0.0000	
6	2.03		.042129	35437	PV	0.0000	
7	2.12		.056123	1522471	VV	0.0000	
8	2.30		.063912	29135	VV	0.0000	
9	2.44		.049748	125493	VV	0.0000	
10	2.50		.050762	41088	VV	0.0000	
11	2.61		.052787	38205	VV	0.0000	
12	2.71		.074702	20870	VV	0.0000	
13	2.79		.064544	18968	VV	0.0000	
14	2.88		.052496	23521	VV	0.0000	
15	2.93		.043927	17705	VV	0.0000	
16	2.97		.069932	28014	VV	0.0000	
17	3.16		.052708	218190	PV	0.0000	
18	3.26		.039170	9846	VV	0.0000	
19	3.31		.049613	12738	VV	0.0000	
20	3.37		.057751	15538	VV	0.0000	
21	3.50		.084534	12796	VV	0.0000	
22	3.66		.065769	16280	VV	0.0000	
23	3.76		.064003	22351	VV	0.0000	
24	3.94		.088888	42750	VV	0.0000	
25	4.08		.064148	7576	VV	0.0000	
26	4.20		.120277	22796	VV	0.0000	
27	4.49		.079026	66488	VV	0.0000	
28	4.61		.077818	19838	VV	0.0000	
29	4.77		.096287	13819	VV	0.0000	
30	5.10		.161667	12259	VV	0.0000	
31	5.30		.154373	21195	VV	0.0000	
32	5.55		.065248	11066	VV	0.0000	
33	7.33		.066899	11231	PV	0.0000	
34	8.00		.073099	18057	VV	0.0000	
35	9.12		.099889	11969	BV	0.0000	
36	9.42		.077364	7033	PB	0.0000	
37	11.66	11.64	.075386	291600	PV	1.8390	Tetrachloro-m-xylene
38	13.09		.096595	9907	BV	0.0000	
39	13.58		.100422	25494	PV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	13.83		.108277	14809	VB	0.0000	
41	14.20		.077390	7280	BV	0.0000	
42	16.21		.199138	87152	PV	0.0000	
43	16.35		.122704	23895	VV	0.0000	
44	16.51		.108633	16855	VV	0.0000	
45	16.68		.132753	31584	VV	0.0000	
46	16.76	16.75	.109703	25238	VV	.1264	<u>Heptachlor</u>
47	16.96		.130731	31552	VV	0.0000	
48	17.13		.113414	121012	VV	0.0000	
49	17.75		.101479	70553	VV	0.0000	
50	17.90	17.85	.135358	60925	VV	.3220	<u>Aldrin</u>
51	18.06		.089783	21250	VV	0.0000	
52	18.21		.090840	31295	VV	0.0000	
53	18.43		.159894	1042269	VV	0.0000	
54	18.71		.106317	110103	VV	0.0000	
55	18.88		.139968	52311	VV	0.0000	
56	19.04		.086668	22615	VV	0.0000	
57	19.27	19.22	.126739	179312	VV	1.2134	<u>Isodrin</u>
58	19.51		.094554	68782	VV	0.0000	
59	19.63	19.61	.114346	316246	VV	1.7081	<u>Heptachlor epoxide</u>
60	19.85		.076333	56585	VV	0.0000	
61	20.02		.146852	300452	VV	0.0000	
62	20.24	20.22	.106663	847820	VV	4.3762	<u>gamma-Chlordane</u>
63	20.42		.149761	1273785	VV	0.0000	
64	20.72	20.70	.088638	1335321	VV	7.5198	<u>alpha-Chlordane</u>
65	20.99		.126104	181971	VV	0.0000	
66	21.12		.100749	129354	VV	0.0000	
67	21.40	21.40	.127514	374275	VV	2.2840	<u>4,4'-DDE</u>
68	21.55		.097584	159068	VV	0.0000	
69	21.75	21.69	.088546	91346	VV	.5470	<u>Dieldrin</u>
70	21.88		.109739	422189	VV	0.0000	
71	22.19		.157784	213926	VV	0.0000	
72	22.36	22.41	.152472	598129	VV	3.8817	<u>Chlorobenzilate</u>
73	22.63		.108106	96629	VV	0.0000	
74	22.83		.086615	272632	VV	0.0000	
75	22.94		.092592	303488	VV	0.0000	
76	23.08	23.07	.098117	166119	VV	1.2758	<u>4,4'-DDD</u>
77	23.23	23.31	.112850	69875	VV	.5014	<u>Endosulfan-II</u>
78	23.44		.115472	123267	VV	0.0000	
79	23.66		.150417	616770	VV	0.0000	
80	24.19	24.15	.147146	945069	VV	6.6624	<u>4,4'-DDT</u>
81	24.41	24.36	.130511	99940	VV	.8577	<u>Endrin aldehyde</u>
82	24.66		.189104	132777	VV	0.0000	
83	24.78		.081894	38714	VV	0.0000	
84	24.91	24.98	.140066	93191	VV	.6463	<u>Endosulfan sulfate</u>
85	25.15		.182087	107551	VV	0.0000	
86	25.46		.141415	38492	VV	0.0000	
87	25.76		.133747	210219	VV	0.0000	
88	26.07		.152764	176910	VV	0.0000	
89	26.39		.156526	187603	VV	0.0000	
90	26.50		.114044	77715	VV	0.0000	
91	26.78		.157044	65887	VV	0.0000	
92	27.29	27.20	.175521	51637	PV	.9596	<u>Methoxychlor</u>
93	27.50		.103152	14589	VV	0.0000	
94	27.61	27.63	.103897	17172	VV	.1194	<u>Endrin ketone</u>

M/S/12/98

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
95	27.78		.106210		73112	VV	0.0000	
96	27.96		.107391		86382	VV	0.0000	
97	28.28		.120938		10045	VV	0.0000	
98	28.41		.141439		41546	VV	0.0000	
99	28.71		.217547		27726	VV	0.0000	
100	28.97		.110070		25093	VV	0.0000	
101	29.18		.105973		26919	VV	0.0000	
102	29.33		.111808		10464	VV	0.0000	
103	29.48		.116755		10270	VV	0.0000	
104	29.73		.147382		54308	VV	0.0000	
105	30.12		.252675		29786	VV	0.0000	
106	30.25		.108373		10897	VV	0.0000	
107	30.45		.212149		24795	VV	0.0000	
108	30.88		.142957		102100	PV	0.0000	
109	31.38		.260019		55718	VV	0.0000	
110	31.63		.144721		59417	VV	0.0000	
111	31.89	#31.88	.114319		502817	VV	4.3785	Decachlorobiphenyl
112	32.22		.139978		140678	VV	0.0000	
113	32.41		.153539		21488	VV	0.0000	
114	32.67		.118012		5489	VV	0.0000	
115	34.71		.186010		18169	VV	0.0000	

Total Area : 17856136 Total PPB : 39.219

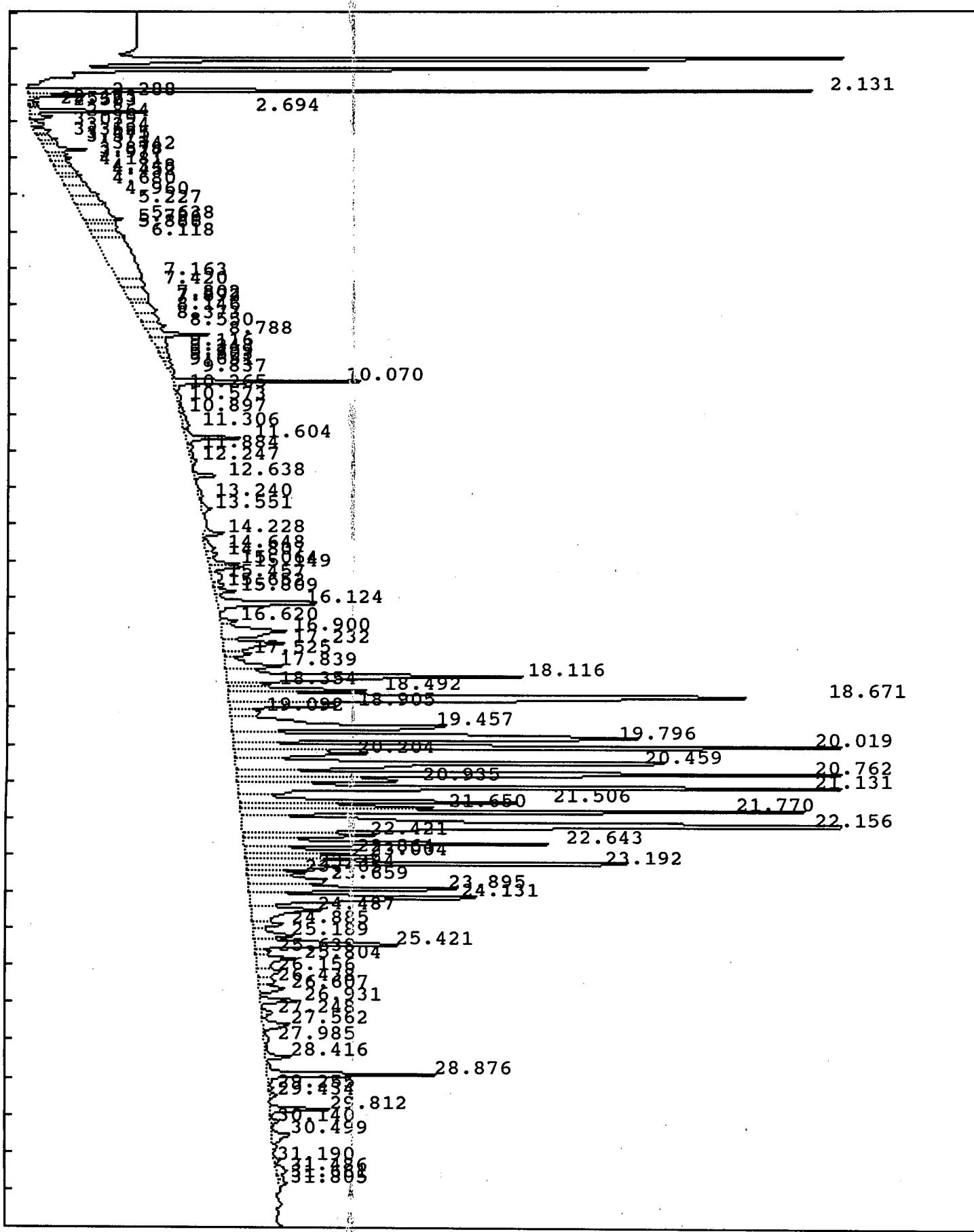
Report Time : 1704 07May1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509177.RES

0167

IEA Pesticide Standard Report

Sample Name : 980920A-20 CDY-020 DF=2 A/S
Result File : /HP58904A/RESULT/A4524141.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2125 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-20 CDY-020 DF=2 A/S Report No : 35.10
 Result File : /HP58904A/RESULT/A4524141.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2125 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 42 Bottle no. : 42

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.042206	551155	VV	0.0000	
2	2.29		.041673	36774	VV	0.0000	
3	2.47		.046596	6212	VV	0.0000	
4	2.54		.039698	4028	VV	0.0000	
5	2.58		.069053	8162	VV	0.0000	
6	2.69		.041801	96282	VV	0.0000	
7	2.86		.093045	24612	VV	0.0000	
8	3.08		.115055	17218	VV	0.0000	
9	3.23		.113743	23803	PV	0.0000	
10	3.35		.053627	7546	VV	0.0000	
11	3.47		.103464	24707	VV	0.0000	
12	3.57		.087497	16433	VV	0.0000	
13	3.74		.103441	57063	VV	0.0000	
14	3.88		.081723	19574	VV	0.0000	
15	3.98		.110976	28116	VV	0.0000	
16	4.18		.139765	27953	VV	0.0000	
17	4.35		.144914	37161	VV	0.0000	
18	4.45		.088063	22226	VV	0.0000	
19	4.68		.200956	51390	VV	0.0000	
20	4.96		.220780	74958	VV	0.0000	
21	5.23		.232635	80215	VV	0.0000	
22	5.64		.327405	142672	VV	0.0000	
23	5.73		.068462	22914	VV	0.0000	
24	5.89		.174023	53810	VV	0.0000	
25	6.12		.210903	73787	VV	0.0000	
26	7.16		1.148260	342990	VV	0.0000	
27	7.42		.208651	56238	VV	0.0000	
28	7.80		.328116	75454	VV	0.0000	
29	7.89		.093120	19396	VV	0.0000	
30	8.15		.222182	53061	VV	0.0000	
31	8.37		.217277	46478	VV	0.0000	
32	8.55		.157243	39185	VV	0.0000	
33	8.79		.107468	76505	VV	0.0000	
34	9.12		.308880	40812	VV	0.0000	
35	9.24		.101324	11918	VV	0.0000	
36	9.40		.156358	15622	VV	0.0000	
37	9.50		.092394	8119	VV	0.0000	
38	9.65		.147395	9912	VV	0.0000	
39	9.84		.304215	15156	VB	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	10.07	10.06	.069499	164170	BV	1.5222	Tetrachloro-m-xylene
41	10.27		.102721	5324	VV	0.0000	
42	10.57		.198635	10615	VV	0.0000	
43	10.90		.276296	12044	VV	0.0000	
44	11.31		.314299	20917	VV	0.0000	
45	11.60		.093067	67616	VV	0.0000	
46	11.88		.151794	8749	VV	0.0000	
47	12.25		.243444	15763	VV	0.0000	
48	12.64		.089567	25179	PB	0.0000	
49	13.24		.293500	11116	BV	0.0000	
50	13.55		.185675	19886	VV	0.0000	
51	14.23		.091961	22552	BV	0.0000	
52	14.65	14.66	.200378	21661	PV	.1894	gamma-BHC (Lindane)
53	14.81		.137869	17328	VV	0.0000	
54	15.06		.094648	33733	VV	0.0000	
55	15.15		.095708	35652	VV	0.0000	
56	15.46		.215777	26862	VV	0.0000	
57	15.65		.109710	14427	VV	0.0000	
58	15.81		.091574	22655	VV	0.0000	
59	16.12		.128661	158741	VB	0.0000	
60	16.62		.093684	17745	BV	0.0000	
61	16.90		.212974	153448	VV	0.0000	
62	17.23		.174265	118729	VV	0.0000	
63	17.52	17.48	.101311	32327	VV	.3752	Isodrin
64	17.84	17.83	.164338	103202	VV	1.0768	delta-BHC
65	18.12		.128128	440160	VV	0.0000	
66	18.35	18.35	.079083	38509	VV	.3751	Heptachlor epoxide
67	18.49		.093359	155048	VV	0.0000	
68	18.67		.140124	943838	VV	0.0000	
69	18.90		.097326	133550	VV	0.0000	
70	19.09		.173695	54891	VV	0.0000	
71	19.46	19.51	.194938	463959	VV	4.3905	alpha-Chlordane
72	19.80	19.80	.133774	716420	VV	7.5794	4,4'-DDE
73	20.02		.081060	862539	VV	0.0000	
74	20.20		.138482	205281	VV	0.0000	
75	20.46		.119352	685383	VV	0.0000	
76	20.76		.086262	863189	VV	0.0000	
77	20.93	20.91	.093916	192600	VV	2.5231	Endrin
78	21.13		.088803	796283	VV	0.0000	
79	21.51		.094659	330639	VV	0.0000	
80	21.65	21.68	.078077	178589	VV	4.6078	Chlорobenzilate
81	21.77		.081746	590476	VV	0.0000	
82	22.16	22.16	.119821	1819266	VV	24.7062	4,4'-DDD
83	22.42		.129033	188062	VV	0.0000	
84	22.64	22.65	.095947	352107	VV	5.5176	4,4'-DDT
85	22.86		.107915	157781	VV	0.0000	
86	23.00		.123700	193610	VV	0.0000	
87	23.19		.089687	463641	VV	0.0000	
88	23.32		.085585	77273	VV	0.0000	
89	23.46		.097921	64747	VV	0.0000	
90	23.66	23.63	.208765	186871	VV	4.0883	Endrin aldehyde
91	23.89		.110934	283397	VV	0.0000	
92	24.13		.158516	426236	VV	0.0000	
93	24.49		.207896	161236	VV	0.0000	
94	24.88		.115897	42409	VV	0.0000	

M/S/12/19

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	25.19		.153318	67823	VV	0.0000	
96	25.42		.131519	213814	VV	0.0000	
97	25.64		.114117	18996	VV	0.0000	
98	25.80		.188841	81713	VV	0.0000	
99	26.16	26.22	.193134	51366	VV	.6969	Endrin ketene May 12/91
100	26.44		.132642	26487	VV	0.0000	
101	26.61		.156322	42161	VV	0.0000	
102	26.93		.108557	48372	VB	0.0000	
103	27.25		.143603	17651	BV	0.0000	
104	27.56		.160715	47673	VV	0.0000	
105	27.99		.196456	9493	VV	0.0000	
106	28.42		.108309	33044	VV	0.0000	
107	28.88	#28.88	.098204	187601	VV	1.8967	Decachlorobiphenyl
108	29.26		.099299	5065	VV	0.0000	
109	29.43		.114347	9138	VB	0.0000	
110	29.81		.096438	64422	BV	0.0000	
111	30.14		.137935	12452	VV	0.0000	
112	30.50		.174079	40431	VV	0.0000	
113	31.19		.111399	8963	PV	0.0000	
114	31.49		.187956	23975	VV	0.0000	
115	31.66		.103429	6954	VV	0.0000	
116	31.81		.126114	10529	VV	0.0000	

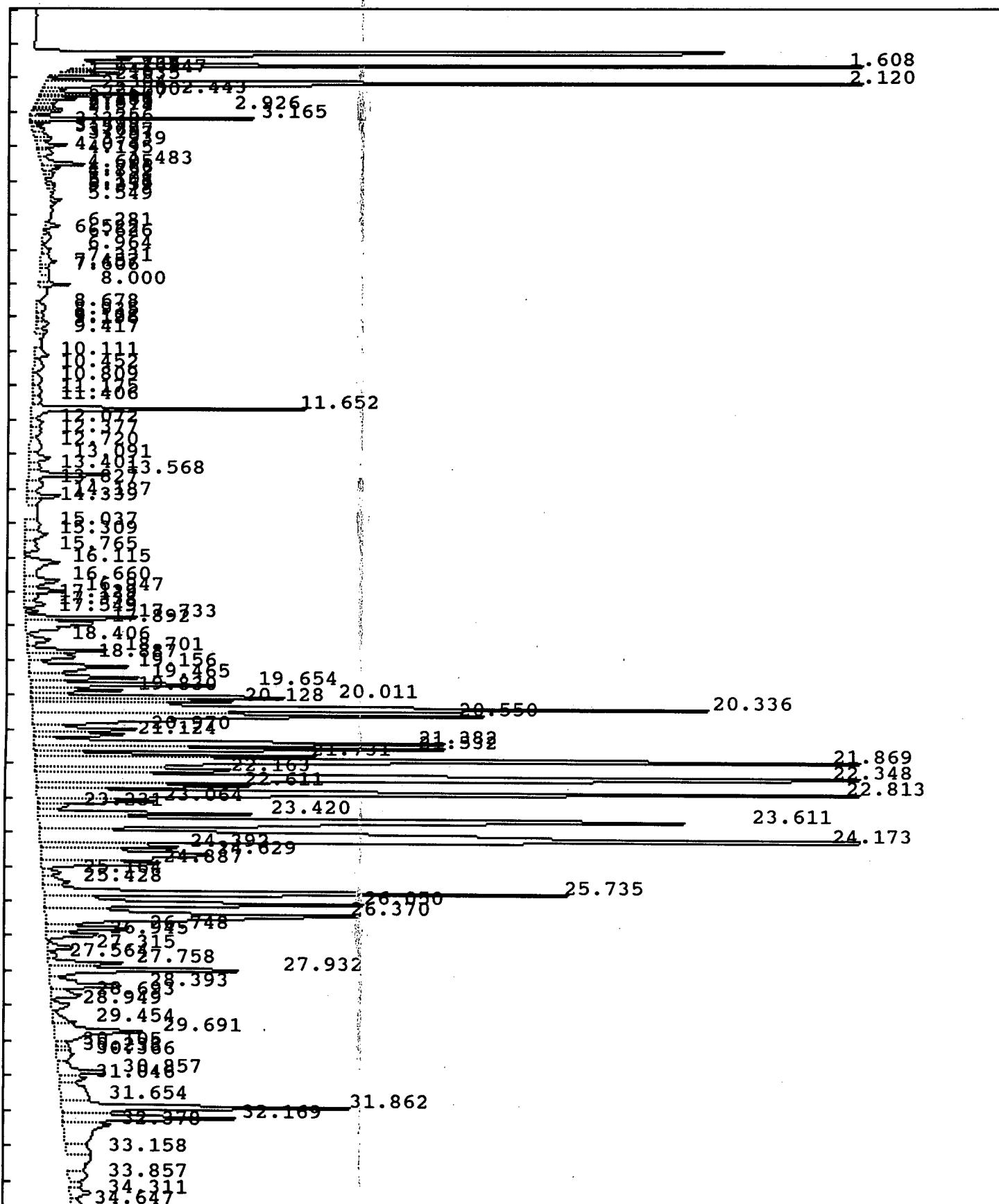
Total Area : 16556180 Total PPB : 59.545

Report Time : 1456 11May1998
 Method : /DATA/LOOP/METHOD/A4524_141.MT
 Result File : /HP58904A/RESULT/A4524141.RES

0171

IEA Pesticide Standard Report

Sample Name : 980920A-20 CDY-020 DF=2 Inj on 1706 07May1998
Result File : /DATA/LOOP/RESULT/B4509178.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-20 CDY-020 DF=2 A/S Report No : 95.00
 Result File : /DATA/LOOP/RESULT/B4509178.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1706 07May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 79 Bottle no. : 79

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.61		.043797	945828	BV	0.0000	
2	1.74		.038613	16191	VV	0.0000	
3	1.79		.031568	11802	VV	0.0000	
4	1.85		.052180	71076	VV	0.0000	
5	1.95		.030956	4183	VV	0.0000	
6	2.03		.041785	28339	PV	0.0000	
7	2.12		.055068	1257994	VV	0.0000	
8	2.30		.063978	27466	VV	0.0000	
9	2.44		.050819	103599	VV	0.0000	
10	2.50		.053851	39303	VV	0.0000	
11	2.61		.054736	37118	VV	0.0000	
12	2.71		.078024	24670	VV	0.0000	
13	2.79		.067836	19231	VV	0.0000	
14	2.88		.054387	24523	VV	0.0000	
15	2.93		.045344	18828	VV	0.0000	
16	2.97		.070896	28882	VV	0.0000	
17	3.16		.053024	216361	PV	0.0000	
18	3.26		.056935	17013	VV	0.0000	
19	3.38		.054467	11626	PV	0.0000	
20	3.50		.095850	18496	VV	0.0000	
21	3.57		.048413	6777	VV	0.0000	
22	3.66		.071662	19079	VV	0.0000	
23	3.76		.069653	25098	VV	0.0000	
24	3.94		.106543	53411	VV	0.0000	
25	4.07		.060279	9652	VV	0.0000	
26	4.19		.139117	30333	VV	0.0000	
27	4.48		.092253	74627	VV	0.0000	
28	4.61		.086225	23565	VV	0.0000	
29	4.77		.101815	16927	VV	0.0000	
30	4.85		.077546	9357	VV	0.0000	
31	5.10		.118146	13563	VV	0.0000	
32	5.15		.062597	7232	VV	0.0000	
33	5.26		.094876	9859	VV	0.0000	
34	5.55		.066220	13461	VV	0.0000	
35	6.28		.105411	23902	VV	0.0000	
36	6.52		.076162	6514	PV	0.0000	
37	6.63		.195193	22492	VV	0.0000	
38	6.96		.188240	23544	PV	0.0000	
39	7.33		.173551	38552	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	7.46		.112950	14633	VV	0.0000	
41	7.61		.192131	28409	VV	0.0000	
42	8.00		.091897	43064	VV	0.0000	
43	8.68		.250972	29037	PV	0.0000	
44	8.94		.130763	14321	VV	0.0000	
45	9.13		.101545	16644	VV	0.0000	
46	9.20		.134534	25219	VV	0.0000	
47	9.42		.125551	23374	VV	0.0000	
48	10.11		.164679	33936	VV	0.0000	
49	10.45		.308850	39544	VV	0.0000	
50	10.81		.252956	31440	VV	0.0000	
51	11.18		.265667	32584	VV	0.0000	
52	11.41		.228462	29730	VV	0.0000	
53	11.65	11.64	.081856	351144	VV	2.2146	Tetrachloro-m-xylene
54	12.07		.202540	34996	VV	0.0000	
55	12.38		.244008	39393	VV	0.0000	
56	12.72		.355752	57441	VV	0.0000	
57	13.09		.191404	54419	VV	0.0000	
58	13.40		.209160	34592	VV	0.0000	
59	13.57		.096611	134977	VV	0.0000	
60	13.83		.236584	53573	VV	0.0000	
61	14.19		.117728	62935	VV	0.0000	
62	14.34		.160307	31369	VV	0.0000	
63	15.04		.275292	61622	VV	0.0000	
64	15.31		.197033	62632	VV	0.0000	
65	15.77		.263305	55132	VV	0.0000	
66	16.12		.271231	146006	PV	0.0000	
67	16.66	16.75	.177729	97222	VV	.4867	Heptachlor
68	16.95	16.87	.131860	76744	VV	.4197	delta-BHC
69	17.13		.123613	28055	VV	0.0000	
70	17.34		.142364	42820	VV	0.0000	
71	17.55		.069672	14662	PV	0.0000	
72	17.73		.088863	163692	VV	0.0000	
73	17.89	17.85	.180854	199145	VV	1.0524	Aldrin
74	18.41		.175596	61472	VV	0.0000	
75	18.70		.097492	115540	VV	0.0000	
76	18.89		.156547	111864	VV	0.0000	
77	19.16	19.22	.162342	239234	VV	1.6189	Isodrin
78	19.47		.110196	174573	VV	0.0000	
79	19.65	19.61	.096729	296885	VV	1.6035	Heptachlor epoxide
80	19.83		.092232	128900	VV	0.0000	
81	20.01		.091803	389502	VV	0.0000	
82	20.13		.098614	291889	VV	0.0000	
83	20.34		.133046	1300860	VV	0.0000	
84	20.55		.144619	974535	VV	0.0000	
85	20.97		.108312	172434	VV	0.0000	
86	21.12		.112873	152949	VV	0.0000	
87	21.38	21.40	.113487	715722	VV	4.3676	4,4'-DDE
88	21.53		.090325	570209	VV	0.0000	
89	21.73	21.69	.081218	345169	VV	2.0670	Dieldrin
90	21.87		.108352	1639168	VV	0.0000	
91	22.16		.120348	367550	VV	0.0000	
92	22.35	22.41	.143916	2219878	VV	14.4065	Chlоребензилате
93	22.61		.104145	330079	VV	0.0000	
94	22.81	22.74	.109390	1586492	VV	11.6238	Endrin

M Shultz

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	23.06	23.07	.110115	187468	VV	1.4398	4,4'-DDD
96	23.23	23.31	.107772	48149	VV	.3455	Endosulfan II
97	23.42		.093088	298084	VV	0.0000	
98	23.61		.160402	1629258	VV	0.0000	
99	24.17	24.15	.141749	3532198	VV	24.9007	4,4'-DDT
100	24.39	24.36	.114181	228107	VV	1.9577	Endrin aldehyde
101	24.63		.239546	576876	VV	0.0000	
102	24.89	24.98	.114251	216405	VV	1.5007	Endosulfan sulfate
103	25.16		.137749	36546	VV	0.0000	
104	25.43		.185713	68138	VV	0.0000	
105	25.74		.113386	865612	VV	0.0000	
106	26.05		.137316	630997	VV	0.0000	
107	26.37		.195465	919162	VV	0.0000	
108	26.75		.117412	151624	VV	0.0000	
109	26.95		.118117	98554	VV	0.0000	
110	27.31		.123825	49353	VV	0.0000	
111	27.56	27.63	.138448	18295	VV	.1272	Endrin ketone
112	27.76		.101171	114270	VV	0.0000	
113	27.93		.117237	361766	VV	0.0000	
114	28.39		.160979	178442	VV	0.0000	
115	28.69		.159902	74768	VV	0.0000	
116	28.95		.170386	45451	PV	0.0000	
117	29.45		.182664	59088	VV	0.0000	
118	29.69		.216144	271470	VV	0.0000	
119	30.10		.113940	19702	VV	0.0000	
120	30.24		.123166	25082	VV	0.0000	
121	30.37		.219943	52594	VV	0.0000	
122	30.86		.156511	124524	VV	0.0000	
123	31.05		.176320	70841	VV	0.0000	
124	31.65		.445602	177674	VV	0.0000	
125	31.86	#31.88	.130981	548671	VV	4.7778	Decachlorobiphenyl
126	32.17		.128147	318809	VV	0.0000	
127	32.38		.393846	267256	VV	0.0000	
128	33.16		.287115	99884	VV	0.0000	
129	33.86		.268499	71872	VV	0.0000	
130	34.31		.197913	59766	VV	0.0000	
131	34.65		.266326	43304	VV	0.0000	
132	35.43		.137468	51899	VV	0.0000	

Total Area : 30291840 Total PPB : 74.910

Report Time : 1747 07May1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509178.RES

15/12/98

6D
PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES 0175

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Instrument: HP58904A Sequence: A4524

Column: DB-1701 ID: .53 Date(s) Analyzed: 04/28/98 04/29/98

Compound	Retention Time of Standards					Mean RT	RT Windows	
	1	2	3	4	5		From	To
alpha-BHC	13.32	13.32	13.32	13.32	13.31	13.32	13.27	13.37
beta-BHC	17.07	17.07	17.07	17.06	17.06	17.07	17.02	17.12
delta-BHC	17.83	17.83	17.83	17.83	17.82	17.83	17.78	17.88
gamma-BHC (Lindane)	14.66	14.66	14.66	14.66	14.65	14.66	14.61	14.71
Heptachlor	15.33	15.33	15.33	15.33	15.33	15.33	15.28	15.38
Aldrin	16.22	16.22	16.22	16.22	16.21	16.22	16.17	16.27
Heptachlor epoxide	18.35	18.35	18.35	18.35	18.34	18.35	18.3	18.4
Endosulfan I	19.19	19.18	19.19	19.19	19.18	19.19	19.14	19.24
Dieldrin	20.3	20.3	20.3	20.3	20.3	20.3	20.25	20.35
4,4'-DDE	19.81	19.81	19.8	19.8	19.8	19.8	19.75	19.85
Endrin	20.91	20.91	20.91	20.91	20.91	20.91	20.86	20.96
Endosulfan II	22.35	22.35	22.34	22.34	22.34	22.34	22.29	22.39
4,4'-DDD	22.17	22.16	22.16	22.16	22.16	22.16	22.11	22.21
Endosulfan sulfate	24.73	24.73	24.72	24.72	24.72	24.72	24.66	24.78
4,4'-DDT	22.66	22.65	22.65	22.65	22.65	22.65	22.6	22.7
Methoxychlor	24.69	24.68	24.68	24.68	24.68	24.68	24.63	24.73
Endrin ketone	26.23	26.23	26.22	26.22	26.22	26.22	26.17	26.27
Endrin aldehyde	23.64	23.63	23.63	23.64	23.63	23.63	23.58	23.68
alpha-Chlordane	19.51	19.51	19.51	19.51	19.51	19.51	19.46	19.56
gamma-Chlordane	19.35	19.35	19.35	19.35	19.34	19.35	19.3	19.4
Isodrin	17.48	17.48	17.49	17.48	17.48	17.48	17.43	17.53
Chlorobenzilate	21.69	21.69	21.68	21.68	21.68	21.68	21.63	21.73
Mirex	24.31	24.3	24.3	24.3	24.3	24.3	24.25	24.35
Tetrachloro-m-xylene	10.06	10.06	10.06	10.06	10.06	10.06	10.01	10.11
Decachlorobiphenyl	28.88	28.88	28.88	28.88	28.88	28.88	28.83	28.93

0176

6D

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920Instrument: HP58904B Sequence: B4509Column: RTX-35 ID: .53 Date(s) Analyzed: 04/29/98 04/30/98

Compound	Retention Time of Standards					Mean RT	RT Windows	
	1	2	3	4	5		From	To
alpha-BHC	14.04	14.08	14.07	14.09	14.09	14.07	13.95	14.19
beta-BHC	15.64	15.65	15.66	15.66	15.65	15.65	15.56	15.74
delta-BHC	16.86	16.86	16.87	16.88	16.86	16.87	16.79	16.95
gamma-BHC (Lindane)	15.38	15.41	15.4	15.42	15.42	15.41	15.29	15.53
Heptachlor	16.72	16.76	16.75	16.77	16.76	16.75	16.65	16.85
Aldrin	17.85	17.84	17.86	17.86	17.85	17.85	17.77	17.93
Heptachlor epoxide	19.6	19.6	19.62	19.62	19.6	19.61	19.51	19.71
Endosulfan I	20.74	20.77	20.76	20.78	20.77	20.76	20.67	20.85
Dieleadrin	21.67	21.69	21.69	21.7	21.71	21.69	21.6	21.78
4,4'-DDE	21.39	21.39	21.4	21.41	21.4	21.4	21.33	21.47
Endrin	22.72	22.74	22.75	22.76	22.75	22.74	22.65	22.83
Endosulfan II	23.31	23.3	23.32	23.32	23.3	23.31	23.21	23.41
4,4'-DDD	23.05	23.07	23.08	23.09	23.08	23.07	22.99	23.15
Endosulfan sulfate	24.98	24.96	24.99	25	24.97	24.98	24.87	25.09
4,4'-DDT	24.12	24.15	24.15	24.16	24.16	24.15	24.06	24.24
Methoxychlor	27.17	27.18	27.19	27.21	27.25	27.2	27.11	27.29
Endrin ketone	27.63	27.61	27.64	27.65	27.62	27.63	27.53	27.73
Endrin aldehyde	24.36	24.34	24.37	24.38	24.35	24.36	24.25	24.47
alpha-Chlordane	20.7	20.69	20.71	20.72	20.69	20.7	20.62	20.78
gamma-Chlordane	20.21	20.21	20.23	20.23	20.21	20.22	20.13	20.31
Isodrin	19.19	19.22	19.22	19.23	19.23	19.22	19.13	19.31
Chlorobenzilate	22.41	22.41	22.42	22.43	22.4	22.41	22.33	22.49
Tetrachloro-m-xylene	11.6	11.65	11.63	11.65	11.65	11.64	11.52	11.76
Decachlorobiphenyl	31.86	31.87	31.89	31.9	31.89	31.88	31.79	31.97

6E
GC INITIAL CALIBRATION OF SINGLE & MULTI COMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Instrument: HP58904A Sequence: A4524

Column: DB-1701 ID: 0.53 Date(s) Analyzed: 04/28/98 04/29/98

Compound	Calibration Factors						%RSD
	1	2	3	4	5	Mean	
alpha-BHC	14560200	18472700	19066200	21087200	21323070	18901874	14.4
beta-BHC	14631600	14728700	13918440	13152660	12691960	13824672	6.5
delta-BHC	12504600	14789800	17184640	18145300	19075030	16339874	16.4
gamma-BHC (Lindane)	15508400	18818600	19643720	21240420	20453780	19132984	11.6
Heptachlor	19662000	20611400	17892440	17967420	16541730	18534998	8.6
Aldrin	15325800	17259800	18868240	19624880	20433290	18302402	11.1
Heptachlor epoxide	17062800	18365700	18649920	18521440	18833740	18286720	3.8
Endosulfan I	15601800	17129500	16486360	17260520	16374710	16570578	4
Dieldrin	15949900	18346850	17539600	17988800	16659155	17296861	5.7
4,4'-DDE	14901400	16988900	18152080	17956210	18055120	17210742	8
Endrin	13428400	15096800	13998560	14125530	12951405	13920139	5.8
Endosulfan II	14704600	15120200	16150260	15690070	15622160	15457458	3.6
4,4'-DDD	11796700	13797650	13170280	13914250	12819970	13099770	6.5
Endosulfan sulfate	14952300	15287400	15579280	15302910	15340250	15292428	1.5
4,4'-DDT	11688500	13216300	12183020	12805230	11991310	12376872	5
Methoxychlor	6565560	6914550	5797088	5652178	5160689	6018013	11.8
Endrin ketone	13515300	15015450	14980520	14589850	14426925	14505609	4.2
Endrin aldehyde	2476600	2806600	3173180	3024480	3037735	2903719	9.4
alpha-Chlordane	19671400	20698400	20377320	19685780	19680590	20022698	2.4
gamma-Chlordane	20117600	21112400	20920640	20426340	20636510	20642698	1.9
Isodrin	14279600	15246700	15960480	16046700	16234090	15553514	5.2
Chlorobenzilate	12657200	8202500	10558940	8973530	8054700	9689374	20
Mirex	21340000	21049500	18584600	17037280	15604600	18723196	13.3
Tetrachloro-m-xylene	19922000	21816100	18755000	19435740	18214060	19628580	7
Decachlorobiphenyl	20112300	20616050	17360400	16294700	14269045	17730499	15
Aroclor-1016	6706000	5931090	6770810	6471830	5957682	6367482	6.3
Aroclor-1254	6353940	5148290	4828960	5187190	4644756	5232627	12.7
Aroclor-1260	6845320	5314220	7075200	6791138	6963469	6597869	11

GC INITIAL CALIBRATION OF SINGLE & MULTI COMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920Instrument: HP58904B Sequence: B4509Column: RTX-35 ID: 0.53 Date(s) Analyzed: 04/29/98 04/30/98

Compound	Calibration Factors						%RSD
	1	2	3	4	5	Mean	
alpha-BHC	26557200	32752300	42222360	48824460	47694840	39610232	24.4
beta-BHC	21103200	23927300	24614720	24205800	25931430	23956490	7.4
delta-BHC	26492800	32296100	39436080	42174500	48128310	37705558	22.4
gamma-BHC (Lindane)	28108200	33495600	41584600	46402960	45551830	39028638	20.4
Heptachlor	30395600	35616300	38224600	42322400	40865990	37484978	12.6
Aldrin	26284800	30431800	34887160	37836880	43467450	34581618	19.2
Heptachlor epoxide	27408200	31398400	33759800	35092820	39266760	33385196	13.2
Endosulfan I	24503200	26828400	30407160	33266760	32771310	29555366	12.9
Dieldrin	22982500	27624600	32474540	35839680	30667590	29917782	16.3
4,4'-DDE	22918400	28722350	33266900	34419570	31166265	30098697	15.2
Endrin	19964700	22993450	26533120	29736700	27749740	25395542	15.4
Endosulfan II	23638300	25786650	30082620	30552330	30991095	28210199	11.7
4,4'-DDD	18830800	21841650	25435200	28027340	26409185	24108835	15.4
Endosulfan sulfate	22493400	25821150	28556080	29847390	33095675	27962739	14.4
4,4'-DDT	22096900	26021800	30176940	33030150	31033705	28471899	15.4
Methoxychlor	17191700	17558250	16706056	14542334	9212582	15042184	23
Endrin ketone	26452100	31996600	34440800	34478020	34567180	32386940	10.8
Endrin aldehyde	23303100	25906800	26346420	25769130	26786220	25622334	5.3
alpha-Chlordane	28634400	32603300	35133520	36386940	40505920	34652816	12.7
gamma-Chlordane	29371400	34254200	37362040	38857040	43967620	36762460	14.7
Isodrin	21195800	23469900	26693600	30361280	29861750	26316466	15.1
Chlorobenzilate	3549680	2355590	3037260	2561522	2413178	2783446	18.2
Tetrachloro-m-xylene	30682800	33407500	34483920	35245460	32464230	33256782	5.4
Decachlorobiphenyl	35762000	35840900	33832680	33066860	29562940	33613076	7.6
Aroclor-1016	10210160	9746830	9601305	9527988	8393531	9495963	7.1
Aroclor-1254	11897380	9018350	9701140	9200575	8490010	9661491	13.7
Aroclor-1260	12570620	10228040	12134390	13730208	13675482	12467748	11.5

6F
PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Instrument ID: HP58904A Date(s) Analyzed: 04/28/98 04/29/98

GC Column: DB-1701 ID: .53 (mm)

COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALIBRATION FACTOR
Toxaphene	*1	23.02	22.97	23.07	3636452
	*2	23.23	23.18	23.28	
	*3	24.17	24.12	24.22	
	4	24.49	24.44	24.54	
	5	25.39	25.34	25.44	
Aroclor-1016	*1	12.24	12.19	12.29	6367482
	*2	13.54	13.49	13.59	
	*3	15.06	15.01	15.11	
	4	16.18	16.13	16.23	
	5	16.91	16.86	16.96	
Aroclor-1221	*1	10.88	10.83	10.93	1717620
	*2	11.48	11.43	11.53	
	*3	12.03	11.98	12.08	
	4	12.24	12.19	12.29	
	5	14.04	13.99	14.09	
Aroclor-1232	*1	11.48	11.43	11.53	2708320
	*2	12.24	12.19	12.29	
	*3	13.55	13.50	13.60	
	4	15.06	15.01	15.11	
	5	15.81	15.76	15.86	
Aroclor-1242	*1	12.24	12.19	12.29	4172210
	*2	13.55	13.50	13.60	
	*3	14.78	14.73	14.83	
	4	15.06	15.01	15.11	
	5	17.20	17.15	17.25	
Aroclor-1248	*1	13.54	13.49	13.59	6454410
	*2	15.05	15.00	15.10	
	*3	16.11	16.06	16.16	
	4	16.90	16.85	16.95	
	5	17.18	17.13	17.23	
Aroclor-1254	*1	16.12	16.07	16.17	5232627
	*2	18.67	18.62	18.72	
	*3	19.45	19.40	19.50	
	4	19.71	19.66	19.76	
	5	20.76	20.71	20.81	
Aroclor-1260	*1	21.13	21.08	21.18	6597869
	*2	23.17	23.12	23.22	
	*3	24.12	24.07	24.17	
	4	25.42	25.37	25.47	
	5	27.56	27.51	27.61	
Technical Chlordane	*1	14.82	14.77	14.87	7320790
	*2	15.32	15.27	15.37	
	*3	16.98	16.93	17.03	
	4	19.35	19.30	19.40	
	5	19.52	19.47	19.57	

* Denotes required peaks

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920Instrument ID: HP58904B Date(s) Analyzed: 04/29/98 04/30/98GC Column: RTX-35 ID: .53 (mm)

COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALIBRATION FACTOR
Technical Chlordane	*1	16.18	16.10	16.26	13328745
	*2	16.74	16.66	16.82	
	*3	18.41	18.32	18.50	
	4	20.22	20.14	20.30	
	5	20.70	20.62	20.78	
Toxaphene	*1	22.91	22.81	23.01	6381080
	*2	23.54	23.43	23.65	
	*3	25.28	25.18	25.38	
	4	26.53	26.43	26.63	
	5	26.86	26.76	26.96	
Aroclor-1016	*1	13.82	13.73	13.91	9495963
	*2	15.30	15.21	15.39	
	*3	16.22	16.13	16.31	
	4	16.65	16.56	16.74	
	5	17.13	17.04	17.22	
Aroclor-1221	*1	12.63	12.54	12.72	2937315
	*2	13.07	12.98	13.16	
	*3	13.58	13.49	13.67	
	4	13.82	13.73	13.91	
	5	15.31	15.23	15.39	
Aroclor-1232	*1	13.82	13.76	13.88	5861280
	*2	15.30	15.24	15.36	
	*3	16.65	16.57	16.73	
	4	17.72	17.66	17.78	
	5	18.69	18.63	18.75	
Aroclor-1242	*1	13.82	13.76	13.88	8550510
	*2	15.30	15.24	15.36	
	*3	16.65	16.59	16.71	
	4	17.14	17.08	17.20	
	5	18.70	18.64	18.76	
Aroclor-1248	*1	15.30	15.24	15.36	9501620
	*2	16.64	16.58	16.70	
	*3	18.69	18.63	18.75	
	4	19.65	19.60	19.70	
	5	20.64	20.59	20.69	
Aroclor-1254	*1	17.75	17.69	17.81	9661491
	*2	20.03	19.96	20.10	
	*3	20.36	20.30	20.42	
	4	21.56	21.51	21.61	
	5	21.89	21.83	21.95	
Aroclor-1260	*1	24.19	24.10	24.28	12467748
	*2	24.41	24.32	24.50	
	*3	25.73	25.64	25.82	
	4	26.37	26.28	26.46	
	5	27.95	27.87	28.03	

* Denotes required peaks

0181

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MULTI COMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920GC Column: DB-1701 ID: .53 (mm) Init. Calib Date(s): 04/28/98 04/29/98Sample No.(PIBLK): PIBLK Date Analyzed : 04/30/98Lab File ID: A4524062 Time Analyzed : 1709Sample No. : AR12543 Date Analyzed : 04/30/98Lab File ID: A4524060 Time Analyzed : 1512

MULTI COMPONENT COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	% DIFF
Aroclor-1254	1*	16.11	16.07	16.17	.17544	0.200	-12
	2*	18.67	18.62	18.72			
	3*	19.45	19.40	19.50			
	4	19.71	19.66	19.76			
	5	20.76	20.71	20.81			

* in Peak column indicates required peaks.

QC LIMITS: % Difference of amounts must be +/- 15.0%.

FORM VII PEST-3
GC-8081:rev 1.0

MULTI COMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0920A SDG No.: A0920 _____

GC Column: DB-1701 ID: .53 (mm) Init. Calib Date(s): 04/28/98 04/29/98

Sample No. (PIBLK): PIBLK Date Analyzed : 05/01/98

Lab File ID: A4524080 Time Analyzed : 0703

Sample No. : AR12543 Date Analyzed : 05/01/98

Lab File ID: A4524078 Time Analyzed : 0531

MULTI COMPONENT COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	% DIFF
Aroclor-1254	1*	16.12	16.07	16.17	.17364	0.200	-13
	2*	18.67	18.62	18.72			
	3*	19.45	19.40	19.50			
	4	19.71	19.66	19.76			
	5	20.76	20.71	20.81			

* in Peak column indicates required peaks.

QC LIMITS: % Difference of amounts must be +/- 15.0%.

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MULTI COMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

GC Column: DB-1701 ID: .53 (mm) Init. Calib Date(s): 04/28/98 04/29/98

Sample No. (PIBLK): PIBLK Date Analyzed : 05/01/98

Lab File ID: A4524099 Time Analyzed : 2237

Sample No. : AR12543 Date Analyzed : 05/01/98

Lab File ID: A4524097 Time Analyzed : 2104

MULTI COMPONENT COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	% DIFF
Aroclor-1254	1*	16.12	16.07	16.17	.18571	0.200	-7.1
	2*	18.68	18.62	18.72			
	3*	19.46	19.40	19.50			
	4	19.72	19.66	19.76			
	5	20.77	20.71	20.81			

* in Peak column indicates required peaks.

QC LIMITS: % Difference of amounts must be +/- 15.0%.

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GC-8081:rev 1.0

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MULTI COMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920GC Column: DB-1701 ID: .53 (mm) Init. Calib Date(s): 04/28/98 04/29/98Sample No. (PIBLK): PIBLK Date Analyzed : 05/04/98Lab File ID: A4524109 Time Analyzed : 2026Sample No. : AR12543 Date Analyzed : 05/04/98Lab File ID: A4524107 Time Analyzed : 1854

MULTI COMPONENT COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	% DIFF
Aroclor-1254	1*	16.12	16.07	16.17	.20805	0.200	4.0
	2*	18.68	18.62	18.72			
	3*	19.45	19.40	19.50			
	4	19.72	19.66	19.76			
	5	20.77	20.71	20.81			

* in Peak column indicates required peaks.

QC LIMITS: % Difference of amounts must be +/- 15.0%.

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MULTI COMPONENT CALIBRATION VERIFICATION SUMMARY

0185

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

GC Column: DB-1701 ID: .53 (mm) Init. Calib Date(s): 04/28/98 04/29/98

Sample No. (PIBLK): PIBLK

Date Analyzed : 05/05/98

Lab File ID: A4524126

Time Analyzed : 0929

Sample No. : AR12543

Date Analyzed : 05/05/98

Lab File ID: A4524124

Time Analyzed : 0757

MULTI COMPONENT COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	% DIFF
Aroclor-1254	1*	16.12	16.07	16.17	.17581	0.200	-12
	2*	18.68	18.62	18.72			
	3*	19.45	19.40	19.50			
	4	19.79	19.66	19.76			
	5	20.76	20.71	20.81			

* in Peak column indicates required peaks.

QC LIMITS: % Difference of amounts must be +/- 15.0%.

FORM VII PEST-3
GC-8081:rev 1.0

MULTI COMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920GC Column: DB-1701 ID: .53 (mm) Init. Calib Date(s): 04/28/98 04/29/98Sample No. (PIBLK): PIBLK _____Date Analyzed : 05/05/98Lab File ID: A4524135 _____Time Analyzed : 1629 _____Sample No. : AR12543 _____Date Analyzed : 05/05/98Lab File ID: A4524134 _____Time Analyzed : 1542 _____

MULTI COMPONENT COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	% DIFF
Aroclor-1254	1*	16.12	16.07	16.17	.21137	0.200	5.7
	2*	18.67	18.62	18.72			
	3*	19.45	19.40	19.50			
	4	19.71	19.66	19.76			
	5	20.76	20.71	20.81			

* in Peak column indicates required peaks.

QC LIMITS: % Difference of amounts must be +/- 15.0%.

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GC-8081:rev 1.0

MULTI COMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920GC Column: DB-1701 ID: .53 (mm) Init. Calib Date(s): 04/28/98 04/29/98Sample No.(PIBLK): PIBLK Date Analyzed : 05/06/98Lab File ID: A4524153 Time Analyzed : 0856Sample No. : AR12543 Date Analyzed : 05/06/98Lab File ID: A4524151 Time Analyzed : 0505

MULTI COMPONENT COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	% DIFF
Aroclor-1254	1*	16.11	16.07	16.17	.1949	0.200	-2.6
	2*	18.67	18.62	18.72			
	3*	19.45	19.40	19.50			
	4	19.71	19.66	19.76			
	5	20.76	20.71	20.81			

* in Peak column indicates required peaks.

QC LIMITS: % Difference of amounts must be +/- 15.0%.

7F
MULTI COMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

GC Column: RTX-35 ID: .53 (mm) Init. Calib Date(s): 04/29/98 04/30/98

Sample No. (PIBLK): PIBLK Date Analyzed : 05/05/98

Lab File ID: B4509102 Time Analyzed : 0102

Sample No. : AR12543 Date Analyzed : 05/04/98

Lab File ID: B4509100 Time Analyzed : 2330

MULTI COMPONENT COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	% DIFF
Aroclor-1254	1*	17.73	17.69	17.81	.1746	0.200	-13
	2*	20.01	19.96	20.10			
	3*	20.34	20.30	20.42			
	4	21.54	21.51	21.61			
	5	21.88	21.83	21.95			

* in Peak column indicates required peaks.

QC LIMITS: % Difference of amounts must be +/- 15.0%.

7F
MULTI COMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

GC Column: RTX-35 ID: .53 (mm) Init. Calib Date(s): 04/29/98 04/30/98

Sample No. (PIBLK): PIBLK Date Analyzed : 05/05/98

Lab File ID: B4509120 Time Analyzed : 1457

Sample No. : AR12543 Date Analyzed : 05/05/98

Lab File ID: B4509118 Time Analyzed : 1324

MULTI COMPONENT COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	% DIFF
Aroclor-1254	1*	17.73	17.69	17.81	.17144	0.200	-14
	2*	20.01	19.96	20.10			
	3*	20.33	20.30	20.42			
	4	21.53	21.51	21.61			
	5	21.87	21.83	21.95			

* in Peak column indicates required peaks..

QC LIMITS: % Difference of amounts must be +/- 15.0%.

0190

7F

MULTI COMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920GC Column: RTX-35 ID: .53 (mm) Init. Calib Date(s): 04/29/98 04/30/98Sample No. (PIBLK): PIBLK Date Analyzed : 05/06/98Lab File ID: B4509138 Time Analyzed : 0505Sample No. : AR12543 Date Analyzed : 05/06/98Lab File ID: B4509136 Time Analyzed : 0333

MULTI COMPONENT COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	% DIFF
Aroclor-1254	1*	17.72	17.69	17.81	.19153	0.200	-4.2
	2*	19.99	19.96	20.10			
	3*	20.32	20.30	20.42			
	4	21.52	21.51	21.61			
	5	21.86	21.83	21.95			

* in Peak column indicates required peaks.

QC LIMITS: % Difference of amounts must be +/- 15.0%.

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MULTI COMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

GC Column: RTX-35 ID: .53 (mm) Init. Calib Date(s): 04/29/98 04/30/98

Sample No. (PIBLK): PIBLK Date Analyzed : 05/07/98

Lab File ID: B4509176 Time Analyzed : 1534

Sample No. : AR12543 Date Analyzed : 05/07/98

Lab File ID: B4509174 Time Analyzed : 1356

MULTI COMPONENT COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	% DIFF
Aroclor-1254	1*	17.69	17.69	17.81	.21488	0.200	7.4
	2*	19.97	19.96	20.10			
	3*	20.30	20.30	20.42			
	4	21.50	21.51	21.61			
	5	21.84	21.83	21.95			

* in Peak column indicates required peaks.

QC LIMITS: % Difference of amounts must be +/- 15.0%.

0192

7F

MULTI COMPONENT CALIBRATION VERIFICATION SUMMARY

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920GC Column: RTX-35 ID: .53 (mm) Init. Calib Date(s): 04/29/98 04/30/98Sample No.(PIBLK): PIBLK Date Analyzed : 05/08/98Lab File ID: B4509194 Time Analyzed : 0640Sample No. : AR12543 Date Analyzed : 05/08/98Lab File ID: B4509192 Time Analyzed : 0508

MULTI COMPONENT COMPOUND	PEAK	RT	RT WINDOW FROM	TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	% DIFF
Aroclor-1254	1*	17.69	17.69	17.81	.21644	0.200	8.2
	2*	19.97	19.96	20.10			
	3*	20.29	20.30	20.42			
	4	21.49	21.51	21.61			
	5	21.83	21.83	21.95			

* in Peak column indicates required peaks.

QC LIMITS: % Difference of amounts must be +/- 15.0%.

FORM VII PEST-3
GC-8081:rev 1.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

GC Column: DB-1701 ID: 0.53 (mm) Init. Calib. Date(s): 04/28/98 04/29/98

Instrument ID: HP58904A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION				
	SAMPLE NO.	LAB SAMPLE ID	DATE & TIME ANALYZED	TCX RT #
	SAMPLE NO.	LAB SAMPLE ID	DATE & TIME ANALYZED	TCX RT #
01	INDA1	INDA1	04/28/98 1616 ✓	10.06 28.88
02	INDB1	INDB1	04/28/98 1701 ✓	10.06 28.88
03	INDA2	INDA2	04/28/98 1747 ✓	10.06 28.88
04	INDB2	INDB2	04/28/98 1833 ✓	10.06 28.88
05	INDA3	INDA3	04/28/98 1934 ✓	10.06 28.88
06	INDB3	INDB3	04/28/98 2019 ✓	10.06 28.88
07	INDA4	INDA4	04/28/98 2105 ✓	10.06 28.88
08	INDB4	INDB4	04/28/98 2151 ✓	10.06 28.87
09	INDA5	INDA5	04/28/98 2237 ✓	10.06 28.88
10	INDB5	INDB5	04/28/98 2323 ✓	10.06 28.87
11	TCLR2	TCLR2	04/29/98 0009 ✓	10.06 28.87
12	TOXAPH2	TOXAPH2	04/29/98 0055 ✓	10.06 28.88
13	AR16601	AR16601	04/29/98 0141 ✓	10.06 28.88
14	AR16602	AR16602	04/29/98 0227 ✓	10.06 28.88
15	AR16603	AR16603	04/29/98 0313 ✓	10.06 28.88
16	AR16604	AR16604	04/29/98 0359 ✓	10.06 28.88
17	AR16605	AR16605	04/29/98 0445 ✓	10.06 28.88
18	AR12212	AR12212	04/29/98 0530 ✓	10.06 28.88
19	AR12322	AR12322	04/29/98 0616 ✓	10.06 28.88
20	AR12422	AR12422	04/29/98 0702 ✓	10.06 28.88
21	AR12482	AR12482	04/29/98 0857 ✓	10.05 28.87
22	AR12541	AR12541	04/29/98 0947 ✓	10.06 28.87
23	AR12542	AR12542	04/29/98 1033 ✓	10.06 28.88
24	AR12543	AR12543	04/29/98 1119 ✓	10.06 28.88
25	AR12544	AR12544	04/29/98 1214 ✓	10.06 28.88
26	AR12545	AR12545	04/29/98 1300 ✓	10.06 28.88
27	AR12543	AR12543	04/30/98 1512 ✓	10.06 28.88
28	PIBLK	PIBLK	04/30/98 1709 ✓	10.07 28.88
29	PBLK41	042798-B02	05/01/98 0055 ✓	10.06 28.88
30	PBLK41QC	042798-B02	05/01/98 0141 ✓	10.07 28.88
31	AR12543	AR12543	05/01/98 0531 ✓	10.07 28.88
32	PIBLK	PIBLK	05/01/98 0703 ✓	10.06 28.88

QC LIMITS

TCX = Tetrachloro-m-xylene (\pm 0.05 MINUTES)
 DCB = Decachlorobiphenyl (\pm 0.05 MINUTES),

Column used to flag retention time values with a asterisk.
 * Values outside of QC limits.

page 1 of 2

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: IEA-CT Contract: _____

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

GC Column: DB-1701 ID: 0.53 (mm) Init. Calib. Date(s): 04/28/98 04/29/98

Instrument ID: HP58904A

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION				
	TCX: 10.06	DCB: 28.88		
SAMPLE NO.	LAB SAMPLE ID	DATE & TIME ANALYZED	TCX RT #	DCB RT #
01	CDY-011	05/01/98 1308	10.06	28.88
02	CDY-016	05/01/98 1715	10.07	28.89
03	AR12543	05/01/98 2104	10.07	28.89
04	PIBLK	05/01/98 2237	10.07	28.89
05	AR12543	05/04/98 1854	10.07	28.88
06	PIBLK	05/04/98 2026	10.07	28.88
07	CDY-001	05/04/98 2112	10.07	28.88
08	CDY-002	05/04/98 2158	10.08	28.88
09	CDY-003	05/04/98 2244	10.08	28.88
10	CDY-004	05/04/98 2330	*	*
11	CDY-005	05/05/98 0016	10.07	28.88
12	CDY-006	05/05/98 0102	10.07	28.88
13	CDY-007	05/05/98 0149	10.07	28.88
14	CDY-008	05/05/98 0235	10.08	28.88
15	CDY-012	05/05/98 0453	10.07	28.88
16	CDY-013	05/05/98 0539	10.07	28.88
17	CDY-014	05/05/98 0625	10.07	28.88
18	AR12543	05/05/98 0757	10.07	28.88
19	PIBLK	05/05/98 0929	10.07	28.88
20	CDY-019	05/05/98 1152	10.07	28.88
21	CDY-001MS	05/05/98 1324	10.07	28.88
22	CDY-001MSD	05/05/98 1410	10.07	28.88
23	AR12543	05/05/98 1542	10.07	28.88
24	PIBLK	05/05/98 1629	10.07	28.87
25	CDY-009	05/05/98 1735	10.07	28.87
26	CDY-010	05/05/98 1821	10.07	28.87
27	CDY-015	05/05/98 1907	10.07	28.87
28	CDY-017	05/05/98 1953	10.07	28.87
29	CDY-018	05/05/98 2039	10.07	28.87
30	CDY-020	05/05/98 2125	10.07	28.88
31	AR12543	05/06/98 0505	10.07	28.87
32	PIBLK	05/06/98 0856	10.06	28.88

QC LIMITS

TCX = Tetrachloro-m-xylene (\pm 0.05 MINUTES)
 DCB = Decachlorobiphenyl (\pm 0.05 MINUTES)

Column used to flag retention time values with a asterisk.
 * Values outside of QC limits.

8D
PESTICIDE ANALYTICAL SEQUENCE

0195

Lab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 04/29/98 04/30/98Instrument ID: HP58904BTHE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION	
TCX:	<u>11.64</u>
DCB:	<u>31.88</u>

	SAMPLE NO.	LAB SAMPLE ID	DATE & TIME ANALYZED	TCX RT #	DCB RT #
01	INDA1	INDA1	04/29/98 0947✓	11.60	31.86
02	INDB1	INDB1	04/29/98 1033✓	11.62	31.88
03	INDA2	INDA2	04/29/98 1119✓	11.65	31.87
04	INDB2	INDB2	04/29/98 1214✓	11.63	31.87
05	INDA3	INDA3	04/29/98 1300✓	11.63	31.89
06	INDB3	INDB3	04/29/98 1351✓	11.65	31.89
07	INDA4	INDA4	04/29/98 1437✓	11.65	31.90
08	INDB4	INDB4	04/29/98 1523✓	11.64	31.90
09	INDA5	INDA5	04/29/98 1609✓	11.65	31.89
10	INDB5	INDB5	04/29/98 1710✓	11.63	31.87
11	TCLR2	TCLR2	04/29/98 1756✓	11.62	31.89
12	TOXAPH2	TOXAPH2	04/29/98 1842✓	11.64	31.90
13	AR16601	AR16601	04/29/98 1928✓	11.64	31.88
14	AR16602	AR16602	04/29/98 2014✓	11.63	31.88
15	AR16603	AR16603	04/29/98 2100✓	11.64	31.88
16	AR16604	AR16604	04/29/98 2146✓	11.64	31.88
17	AR16605	AR16605	04/29/98 2232✓	11.63	31.88
18	AR12212	AR12212	04/29/98 2318✓	11.63	31.88
19	AR12322	AR12322	04/30/98 0004✓	11.63	31.88
20	AR12422	AR12422	04/30/98 0050✓	11.64	31.88
21	AR12482	AR12482	04/30/98 0136✓	11.63	31.88
22	AR12541	AR12541	04/30/98 0222✓	11.65	31.90
23	AR12542	AR12542	04/30/98 0308✓	11.66	31.91
24	AR12543	AR12543	04/30/98 0354✓	11.66	31.91
25	AR12544	AR12544	04/30/98 0440✓	11.67	31.91
26	AR12545	AR12545	04/30/98 0526✓	11.67	31.92
27	AR12543	AR12543	05/04/98 2330✓	11.65	31.87
28	PIBLK	PIBLK	05/05/98 0102✓	11.66	31.88
29	PBLK41	042798-B02	05/05/98 0753✓	11.65	31.87
30	PBLK41QC	042798-B02	05/05/98 0843✓	11.65	31.87
31	CDY-001	980920A-01	05/05/98 0929✓	11.66	31.88
32	CDY-002	980920A-02	05/05/98 1016✓	11.66	31.88

QC LIMITS

TCX = Tetrachloro-m-xylene (+ 0.12 MINUTES)
DCB = Decachlorobiphenyl (- 0.09 MINUTES)# Column used to flag retention time values with a asterisk.
* Values outside of QC limits.page 1 of 2

8D
PESTICIDE ANALYTICAL SEQUENCELab Name: IEA-CT Contract: _____Lab Code: IEACT Case No.: 0920A SDG No.: A0920GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 04/29/98 04/30/98Instrument ID: HP58904BTHE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
	SAMPLE NO.	LAB SAMPLE ID	DATE & TIME ANALYZED	TCX RT #	DCB RT #
01	CDY-003	980920A-03	05/05/98 1106	11.66	31.88
02	CDY-004	980920A-04	05/05/98 1152	*	*
03	AR12543	AR12543	05/05/98 1324✓	11.65	31.87
04	PIBLK	PIBLK	05/05/98 (1457)	11.66	31.88
05	CDY-005	980920A-05	05/05/98 1542	11.64	31.86
06	CDY-006	980920A-06	05/05/98 1629	11.65	31.86
07	CDY-007	980920A-07	05/05/98 1735	11.63	31.84
08	CDY-008	980920A-08	05/05/98 1821	11.62	31.85
09	CDY-009	980920A-09	05/05/98 1907	11.64	31.84
10	CDY-010	980920A-10	05/05/98 1953	11.64	31.85
11	CDY-011	980920A-11	05/05/98 2039	11.65	31.87
12	CDY-012	980920A-12	05/05/98 2125	11.65	31.87
13	CDY-013	980920A-13	05/05/98 2211	11.65	31.87
14	CDY-014	980920A-14	05/05/98 2257	11.65	31.86
15	CDY-015	980920A-15	05/05/98 2343	11.64	31.86
16	CDY-016	980920A-16	05/06/98 0029	11.64	31.86
17	CDY-017	980920A-17	05/06/98 0115	11.63	31.85
18	CDY-018	980920A-18	05/06/98 0201	11.64	31.86
19	AR12543	AR12543	05/06/98 0333✓	11.64	31.85
20	PIBLK	PIBLK	05/06/98 (0505)	11.64	31.86
21	AR12543	AR12543	05/07/98 1356✓	11.60	31.85
22	PIBLK	PIBLK	05/07/98 (1534)	11.64	31.87
23	CDY-019	980920A-19	05/07/98 1620	11.66	31.89
24	CDY-020	980920A-20	05/07/98 1706	11.65	31.86
25	CDY-001MS	980920A-01	05/07/98 (1752)	11.61	31.85
26	CDY-001MSD	980920A-01	05/07/98 (1838)	11.61	31.85
27	AR12543	AR12543	05/08/98 0508	11.61	31.83
28	PIBLK	PIBLK	05/08/98 (0640)	11.61	31.84
29					
30					
31					
32					

QC LIMITS

TCX = Tetrachloro-m-xylene (+ 0.12 MINUTES)
DCB = Decachlorobiphenyl (- 0.09 MINUTES)# Column used to flag retention time values with a asterisk.
* Values outside of QC limits.page 2 of 2

STANDARD CONCENTRATIONS (ng)
SW846 - 8081 Analysis

Pesticides	Level 1	Level 2	Level 3	Level 4	Level 5
alpha-BHC	0.005	0.01	0.025	0.05	0.10
beta-BHC	0.005	0.01	0.025	0.05	0.10
delta-BHC	0.005	0.01	0.025	0.05	0.10
gamma-BHC	0.005	0.01	0.025	0.05	0.10
Heptachlor	0.005	0.01	0.025	0.05	0.10
Aldrin	0.005	0.01	0.025	0.05	0.10
Heptachlor Epoxide	0.005	0.01	0.025	0.05	0.10
Endosulfan I	0.005	0.01	0.025	0.05	0.10
Dieldrin	0.01	0.02	0.05	0.10	0.20
4,4'-DDE	0.01	0.02	0.05	0.10	0.20
Endrin	0.01	0.02	0.05	0.10	0.20
Endosulfan II	0.01	0.02	0.05	0.10	0.20
4,4'-DDD	0.01	0.02	0.05	0.10	0.20
Endosulfan Sulfate	0.01	0.02	0.05	0.10	0.20
4,4'-DDT	0.01	0.02	0.05	0.10	0.20
Methoxychlor	0.05	0.10	0.25	0.50	1.00
Endrin Aldehyde	0.01	0.02	0.05	0.10	0.20
Endrin Ketone	0.01	0.02	0.05	0.10	0.20
alpha-Chlordane	0.005	0.01	0.025	0.05	0.10
gamma-Chlordane	0.005	0.01	0.025	0.05	0.10
Toxaphene	0.25	0.50	1.00	2.00	4.00
* Isodrin	0.005	0.01	0.025	0.05	0.10
* Chlorobenzilate	0.05	0.1	0.25	0.50	1.00

* Appendix 9 compounds

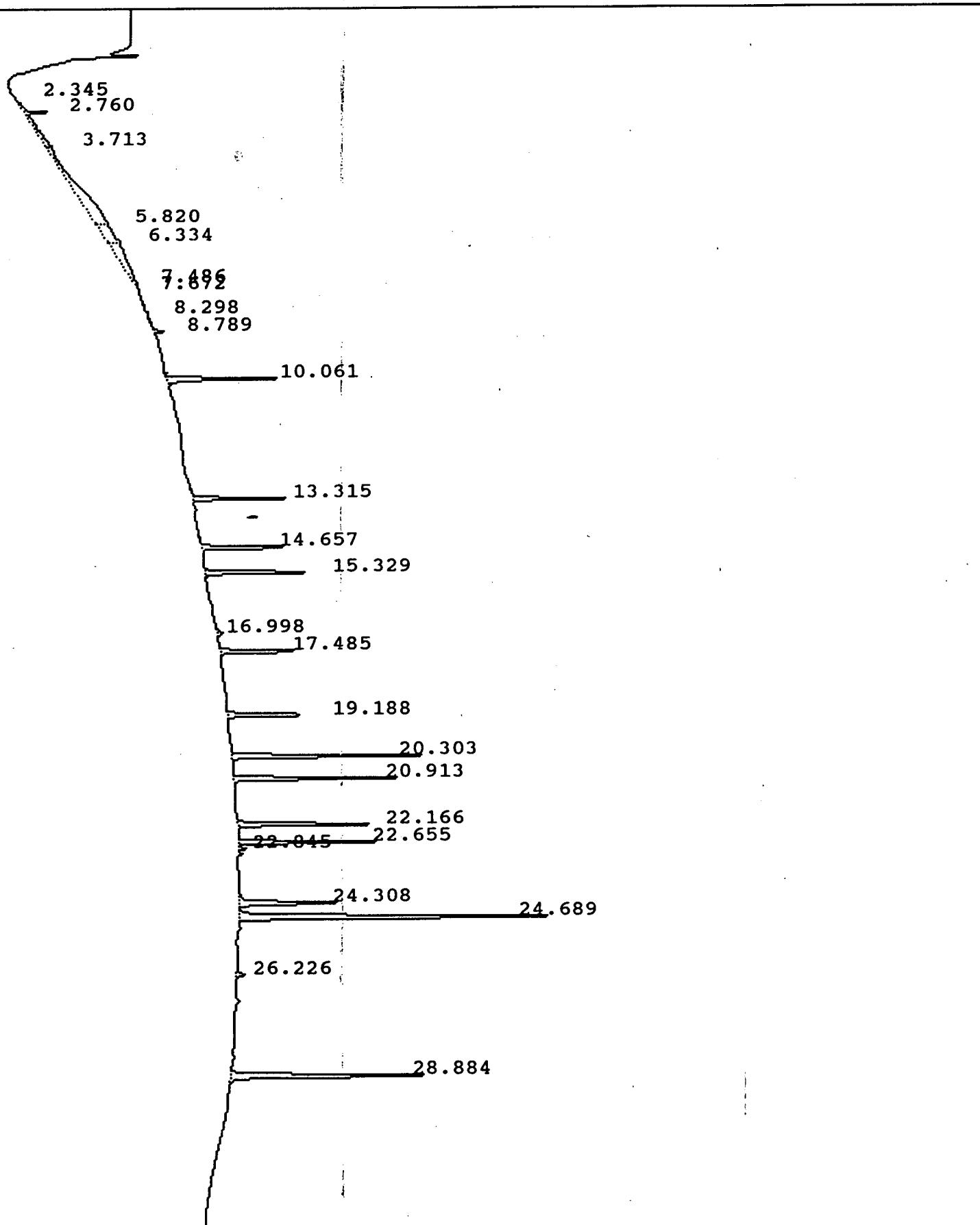
Aroclors	Level 1	Level 2	Level 3	Level 4	Level 5
PCB-1016	0.05	0.10	0.20	0.40	0.80
PCB-1221	0.10	0.20	0.40	0.80	1.6
PCB-1232	0.05	0.10	0.20	0.40	0.80
PCB-1242	0.05	0.10	0.20	0.40	0.80
PCB-1248	0.05	0.10	0.20	0.40	0.80
PCB-1254	0.05	0.10	0.20	0.40	0.80
PCB-1260	0.05	0.10	0.20	0.40	0.80

0221

IEA Pesticide Standard Report

Sample Name : INDA1 W/MIREX
Result File : /DATA/LOOP/RESULT/A4524002.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1616 28Apr1998
INSTRUMENT: HP5890A
Inj. Vol. : 1 ul



0222

IEA Pesticide Standard Report

Sample Name : INDA1 W/MIREX Report No : 2.00
 Result File : /DATA/LOOP/RESULT/A4524002.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1616 28Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 2 Bottle no. : 2

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.35		.038041	997	PV	0.0000	
2	2.76		.072405	24489	VV	0.0000	
3	3.71		.518443	45534	VV	0.0000	
4	5.82		1.289680	193751	VV	0.0000	
5	6.33		.446757	65875	VV	0.0000	
6	7.49		1.700713	90752	VV	0.0000	
7	7.67		.119857	3001	VB	0.0000	
8	8.30		.026744	667	BV	0.0000	
9	8.79		.058004	6568	PV	0.0000	
10	10.06	10.10	.071350	99610	BB	.0277	Tetrachloro-m-xylene
11	13.32	13.36	.063287	72801	BB	.0194	✓alpha-BHC
12	14.66	14.70	.060055	77542	BB	.0203	✓gamma-BHC (Lindane)
13	15.33	15.37	.070296	98310	BB	.0253	✓Heptachlor
14	17.00		.092226	7231	BB	0.0000	
15	17.48	17.53	.067632	71398	BB	.0249	✓Isodrin
16	19.19	19.23	.069432	78009	BB	.0261	✓Endosulfan I
17	20.30	20.35	.068642	159499	BB	.0498	✓Dieldrin
18	20.91	20.96	.068278	134284	BV	.0528	✓Endrin
19	22.17	22.21	.068900	117967	BB	.0481	✓4,4'-DDD
20	22.66	22.70	.069285	116885	BV	.0550	✓4,4'-DDT
21	22.85		.065119	6453	VV	0.0000	
22	24.31	24.35	.094056	106700	BV	106700.400	✓Mirex
23	24.69	24.75	.090847	328278	VV	.2884	✓Methoxychlor
24	26.23	26.29	.085186	7703	BB	.0031	✓Endrin ketone
25	28.88	#28.93	.088482	201123	BB	.0610	✓Decachlorobiphenyl

Total Area : 2115426 Total PPB : 106701.100

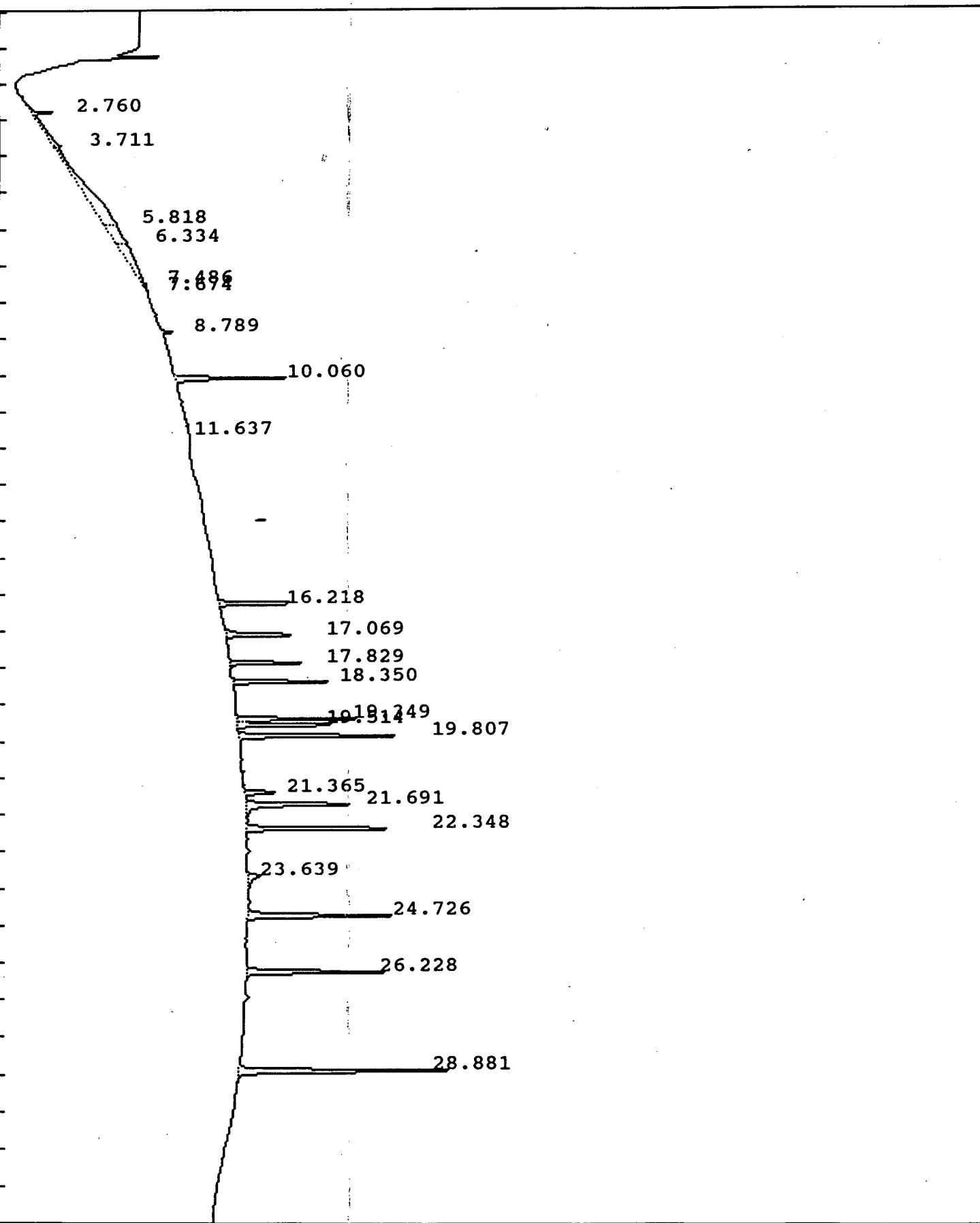
Report Time : 1655 28Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524002.RES

0223

IEA Pesticide Standard Report

Sample Name : INDB1
Result File : /DATA/LOOP/RESULT/A4524003.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1701 28Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



0224

IEA Pesticide Standard Report

Sample Name : INDB1 Report No : 3.00
 Result File : /DATA/LOOP/RESULT/A4524003.RES
 Column Type : DB-1701, 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1701 28Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1 / 3 Bottle no. : 3

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.067479	21195	PV	0.0000	
2	3.71		.460238	40597	VV	0.0000	
3	5.82		1.243178	192438	VV	0.0000	
4	6.33		.451304	66453	VV	0.0000	
5	7.49		1.430329	90126	VV	0.0000	
6	7.67		.121680	2760	VB	0.0000	
7	8.79		.059365	7303	PV	0.0000	
8	10.06	10.10	.070472	98481	BB	.0274	✓Tetrachloro-m-xylene
9	11.64		.294505	4885	BB	0.0000	
10	16.22	16.26	.066418	76629	BB	.0222	✓Aldrin
11	17.07	17.11	-.071179	73158	BB	.0322	✓beta-BHC
12	17.83		.062041	62523	BV	0.0000	✓delta BHC
13	18.35	18.39	.068467	85314	BB	.0249	✓Heptachlor epoxide
14	19.35	19.39	.068537	100588	BV	.0276	✓gamma-Chlordane
15	19.51	19.56	.069371	98357	VB	.0279	✓alpha-Chlordane
16	19.81	19.85	.068640	149014	BB	.0473	✓4,4'-DDE
17	21.37		.077780	27913	BB	0.0000	
18	21.69	21.74	.097066	126572	BB	.0980	✓Chlorobenzilate
19	22.35	22.39	.069124	147046	BB	.0516	✓Endosulfan II
20	23.64	23.70	.169036	24766	BB	.0163	✓Endrin aldehyde
21	24.73	24.75	.091258	149523	BB	.1314	Methoxychlor end 3.S.
22	26.23	26.29	.083447	135153	BB	.0550	✓Endrin ketone
23	28.88	#28.93	.087941	214493	BB	.0651	✓Decachlorobiphenyl

Total Area : 1995286 Total PPB : .627

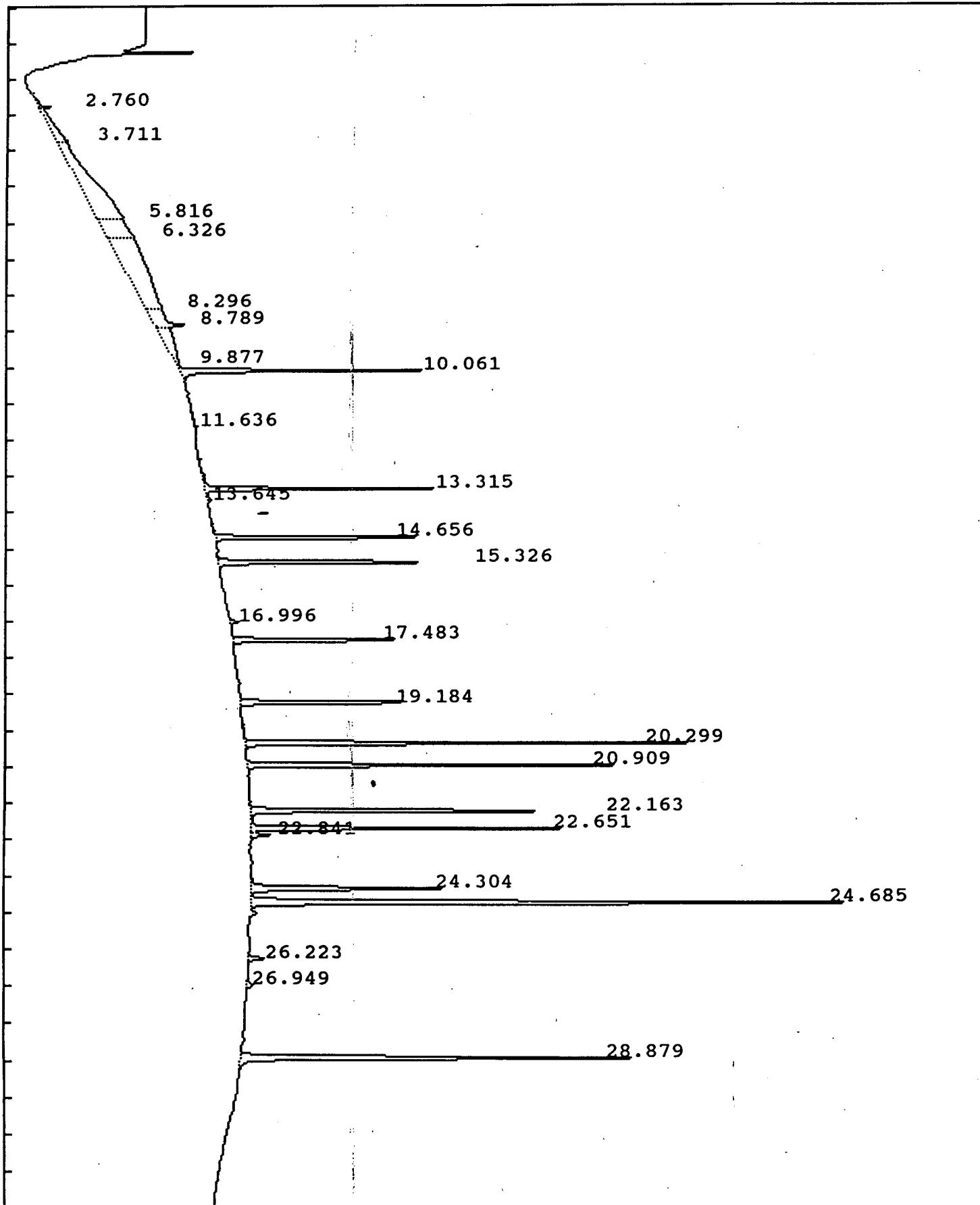
Report Time : 1736 28Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524003.RES

0225

IEA Pesticide Standard Report

Sample Name : INDA2 W/MIREX
Result File : /DATA/LOOP/RESULT/A4524004.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1747 28Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



0226

IEA Pesticide Standard Report

Sample Name : INDA2 W/MIREX Report No : 4.00
 Result File : /DATA/LOOP/RESULT/A4524004.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1747 28Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 4 Bottle no. : 4

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.102677	17553	PV	0.0000	
2	3.71		.548720	75410	VV	0.0000	
3	5.82		1.360839	400800	VV	0.0000	
4	6.33		.457802	145377	VV	0.0000	
5	8.30		2.308626	474398	VV	0.0000	
6	8.79		.277798	97522	VV	0.0000	
7	9.88		2.692377	100128	VV	0.0000	
8	10.06	10.10	.069953	218161	BV	.0607	Tetrachloro-m-xylene
9	11.64		.283648	9670	BB	0.0000	
10	13.32	13.36	.063108	184727	BV	.0493	alpha-BHC
11	13.65		-.117852	6422	BV	0.0000	
12	14.66	14.70	.059115	188186	BB	.0494	gamma-BHC (Lindane)
13	15.33	15.37	.070101	206114	BB	.0530	Heptachlor
14	17.00		.089708	9013	BB	0.0000	
15	17.48	17.53	.066352	152467	BB	.0531	Isodrin
16	19.18	19.23	.067632	171295	BB	.0574	Endosulfan I
17	20.30	20.35	.067525	366937	BB	.1145	Dieldrin
18	20.91	20.96	.067924	301936	BV	.1187	Endrin
19	22.16	22.21	.067588	275953	BB	.1124	4,4'-DDD
20	22.65	22.70	.069176	264326	BV	.1243	4,4'-DDT
21	22.84		.067679	15343	VV	0.0000	
22	24.30	24.35	.094553	210495	BV	210495.200	Mirex
23	24.68	24.75	.093283	691455	VV	.6075	Methoxychlor
24	26.22	26.29	.087316	15511	BB	.0063	Endrin ketone
25	26.95		.094171	7491	BB	0.0000	
26	28.88	#28.93	.090401	412321	BB	.1251	Decachlorobiphenyl

Total Area : 5019013 Total PPB : 210496.700

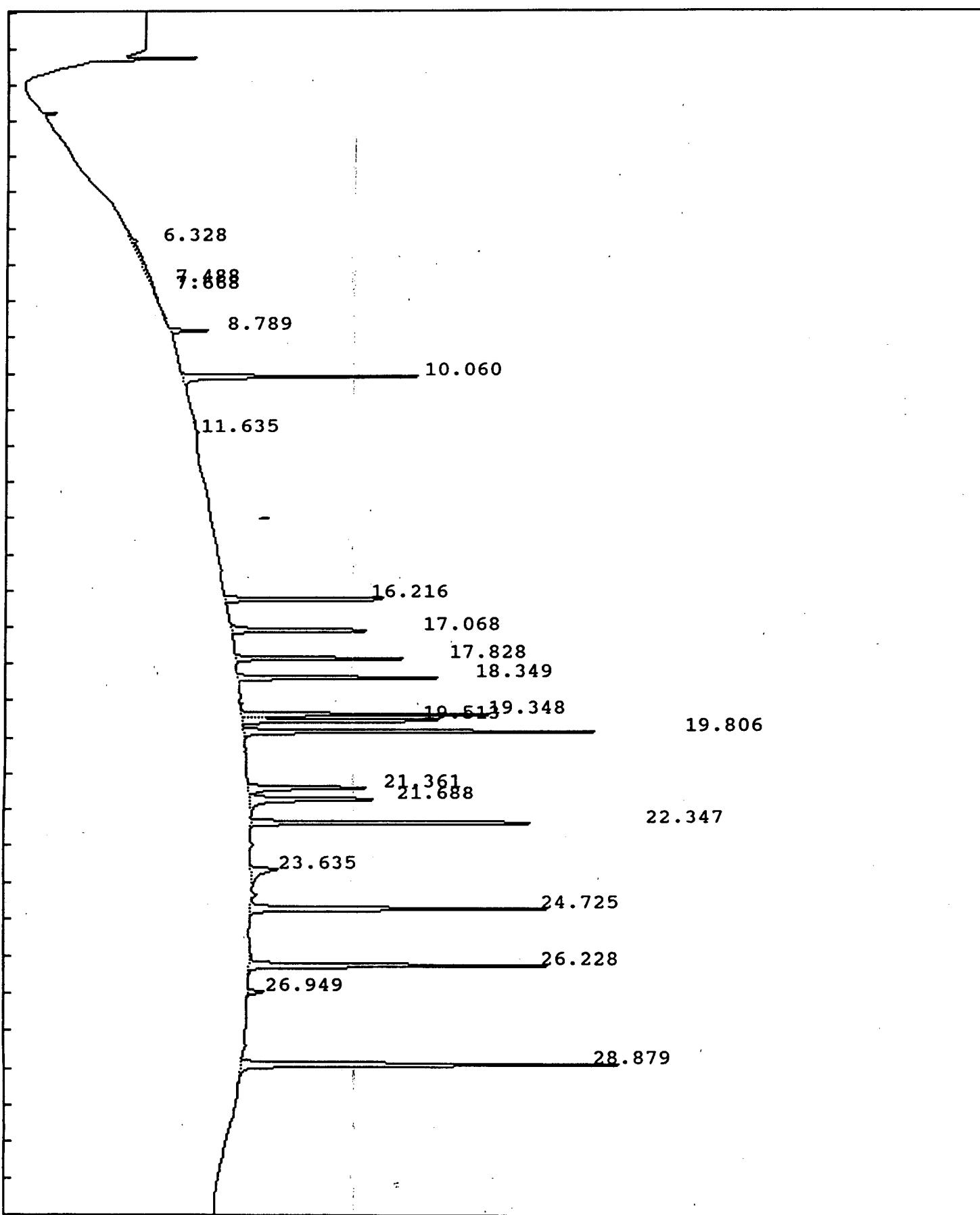
Report Time : 1822 28Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524004.RES

0227

IEA Pesticide Standard Report

Sample Name : INDB2
Result File : /DATA/LOOP/RESULT/A4524005.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1833 28Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



0228

IEA Pesticide Standard Report

Sample Name : INDB2 Report No : 5.00
 Result File : /DATA/LOOP/RESULT/A4524005.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1833 28Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 5 Bottle no. : 5

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.33		.171239	12718	BV	0.0000	
2	7.49		.964865	41572	VV	0.0000	
3	7.67		.157474	4306	VV	0.0000	
4	8.79		.064392	29636	VV	0.0000	
5	10.06	10.10	.069289	212130	BB	.0590	Tetrachloro-m-xylene
6	11.64		.140297	4161	BB	0.0000	
7	16.22	16.26	.064651	172598	BB	.0499	Aldrin
8	17.07	17.11	.066447	147287	BB	.0648	beta-BHC
9	17.83		.059812	147898	BV	0.0000	delta BHC
10	18.35	18.39	.067937	183657	BB	.0537	Heptachlor epoxide
11	19.35	19.39	.067933	211124	BV	.0580	gamma-Chlordane
12	19.51	19.56	.068997	206984	VB	.0588	alpha-Chlordane
13	19.81	19.85	.067133	339778	BB	.1079	4,4'-DDE
14	21.36		.094654	143932	BV	0.0000	
15	21.69	21.74	.101467	164050	VB	.1270	Chlorobenzilate
16	22.35	22.39	.067198	302404	BB	.1062	Endosulfan II
17	23.63	23.70	.181835	56132	BB	.0368	Endrin aldehyde
18	24.73	24.75	.088331	305748	BB	.2686	Methoxychlor ESS
19	26.23	26.29	.085023	300309	BB	.1222	Endrin ketone
20	26.95		.092215	17701	BB	0.0000	
21	28.88	#28.93	.091411	401872	PB	.1219	Decachlorobiphenyl

Total Area : 3405998 Total PPB : 1.235

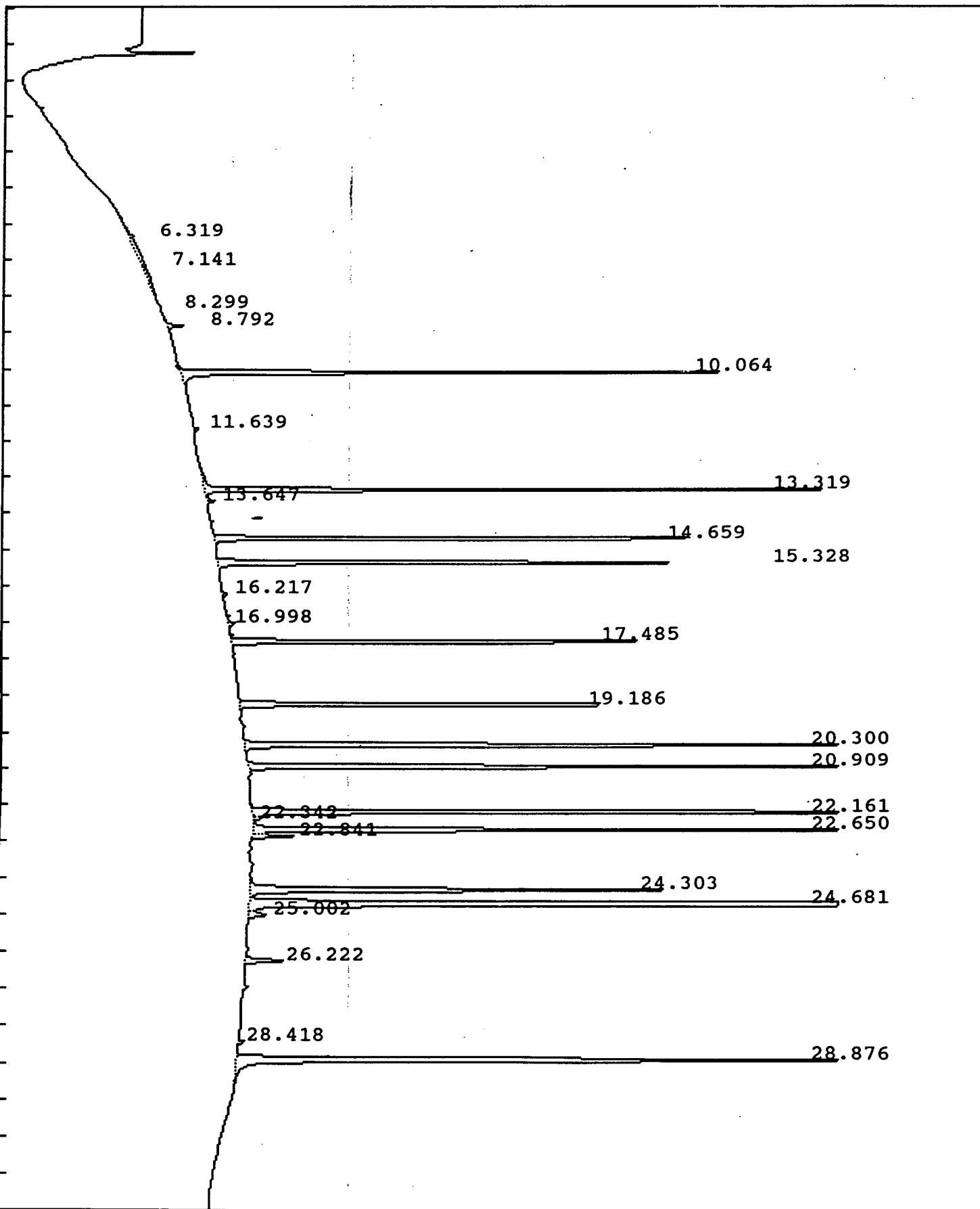
Report Time : 1911 28Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524005.RES

0229

IEA Pesticide Standard Report

Sample Name : INDA3 W/MIREX
Result File : /DATA/LOOP/RESULT/A4524006.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1934 28Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



0230

IEA Pesticide Standard Report

Sample Name : INDA3 W/MIREX Report No : 6.00
 Result File : /DATA/LOOP/RESULT/A4524006.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1934 28Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 6 Bottle no. : 6

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.32		.169788	12553	BV	0.0000	
2	7.14		.610060	36001	VV	0.0000	
3	8.30		1.110442	27503	VV	0.0000	
4	8.79		.060752	11966	VV	0.0000	
5	10.06	10.10	.068637	468875	BB	.1304	Tetrachloro-m-xylene
6	11.64		.087673	5641	BB	0.0000	
7	13.32	13.36	.060784	476655	BV	.1272	alpha-BHC
8	13.65		.084458	9089	VB	0.0000	
9	14.66	14.70	.060572	491093	BB	.1288	gamma-BHC (Lindane)
10	15.33	15.37	.070057	447311	BB	.1150	Heptachlor
11	16.22	16.26	.070819	4585	BB	.0013	Aldrin
12	17.00		.109150	7724	BB	0.0000	
13	17.49	17.53	.065147	399012	BB	.1389	Isodrin
14	19.19	19.23	.068620	412159	BV	.1381	Endosulfan I
15	20.30	20.35	.068386	876980	BB	.2738	Dieldrin
16	20.91	20.96	.069382	699928	BV	.2751	Endrin
17	22.16	22.21	.067728	658514	BV	.2683	4,4'-DDD
18	22.34	22.39	.089533	8251	VB	.0029	Endosulfan II
19	22.65	22.70	.069393	609151	BV	.2864	4,4'-DDT
20	22.84		.070730	35605	VV	0.0000	
21	24.30	24.35	.097301	464615	BV	464614.700	Mirex
22	24.68	24.75	.094003	1449272	VV	1.2734	Methoxychlor
23	25.00		.107454	20449	VB	0.0000	
24	26.22	26.29	.087534	39351	BB	.0160	Endrin ketone
25	28.42		.085715	5968	BB	0.0000	
26	28.88	#28.93	.092160	868020	BB	.2633	Decachlorobiphenyl

Total Area : 8546272 Total PPB : 464618.100

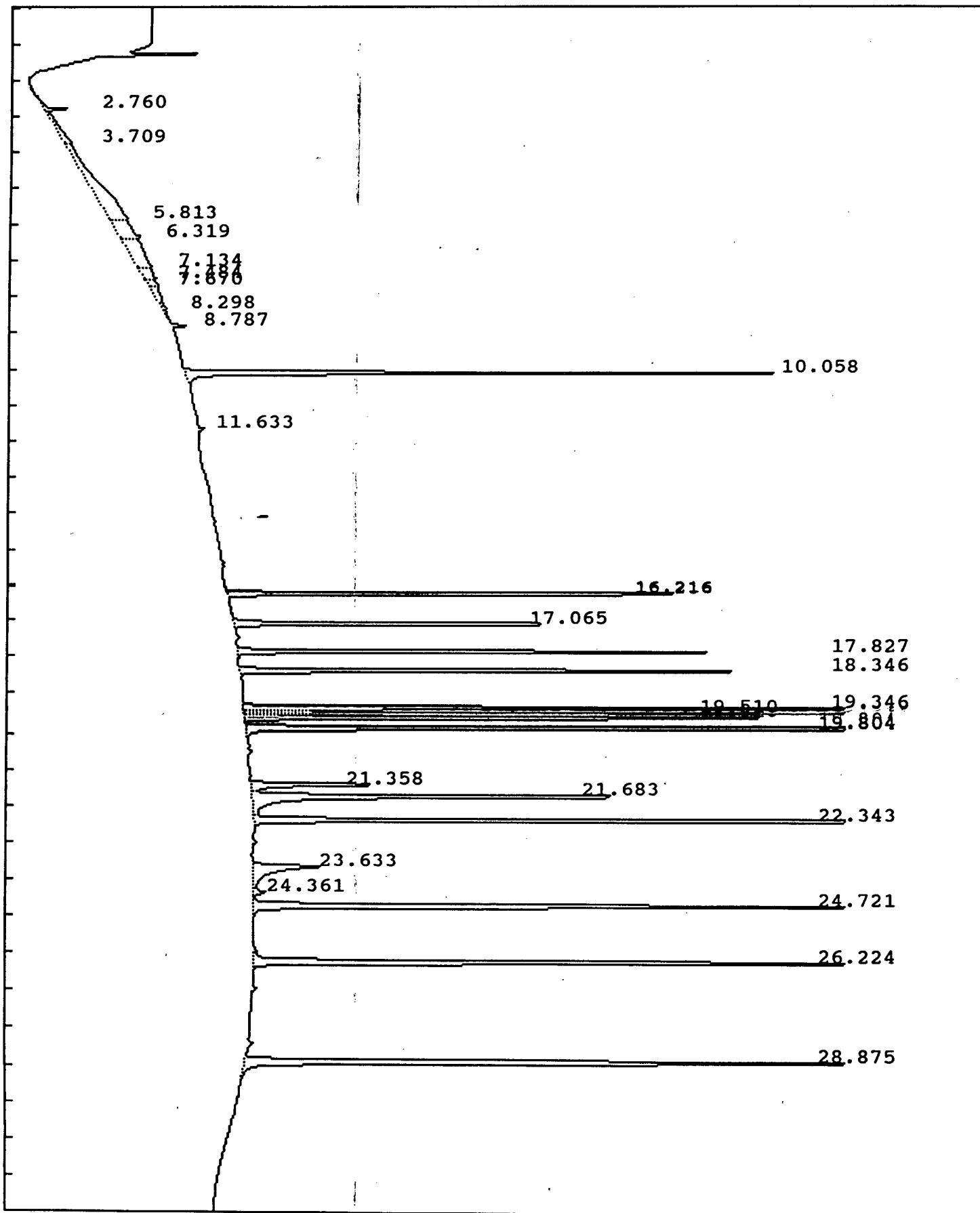
Report Time : 2008 28Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524006.RES

0231

IEA Pesticide Standard Report

Sample Name : INDB3
Result File : /DATA/LOOP/RESULT/A4524007.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2019 28Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDB3 Report No : 7.00
 Result File : /DATA/LOOP/RESULT/A4524007.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2019 28Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 7 Bottle no. : 7

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.056129	19327	BV	0.0000	
2	3.71		.487646	50629	VV	0.0000	
3	5.81		1.285203	272327	VV	0.0000	
4	6.32		.419982	103540	VV	0.0000	
5	7.13		.806556	133118	VV	0.0000	
6	7.48		.337403	46258	VV	0.0000	
7	7.67		.166733	19351	VV	0.0000	
8	8.30		.684032	39648	VV	0.0000	
9	8.79		.101980	18581	VV	0.0000	
10	10.06	10.10	.068122	517373	BB	.1439	Tetrachloro-m-xylene
11	11.63		.066852	4680	BB	0.0000	
12	16.22	16.26	.063895	471706	BB	.1364	Aldrin
13	17.07	17.11	.065156	347961	BB	.1532	beta-BHC
14	17.83		.059719	429616	BB	0.0000	delta BHC
15	18.35	18.39	.066624	466248	BB	.1363	Heptachlor epoxide
16	19.35	19.39	.068007	523016	PV	.1437	gamma-Chlordane
17	19.51	19.56	.069014	509433	VV	.1446	alpha-Chlordane
18	19.80	19.85	.067182	907604	VB	.2881	4,4'-DDE
19	21.36		.095088	151505	BV	0.0000	
20	21.68	21.74	.104857	527947	VV	.4087	Chlorobenzilate
21	22.34	22.39	.068358	807513	VB	.2835	Endosulfan II
22	23.63	23.70	.205275	158659	BV	.1041	Endrin aldehyde
23	24.36	24.35	.114904	18188	VV	18188.0200	Mirex
24	24.72	24.75	.088801	778964	VV	.6844	Methoxychlor 65
25	26.22	26.29	.084836	749026	VB	.3049	Endrin ketone
26	28.88	#28.93	.090149	886368	PB	.2689	Decachlorobiphenyl

Total Area : 8958588 Total PPB : 18191.220

Report Time : 2101 28Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524007.RES

0233

IEA Pesticide Standard Report

Sample Name : INDA4 W/MIREX
Result File : /DATA/LOOP/RESULT/A4524008.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2105 28Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul

6.315
6.648
7.133
7.483
8.293
8.789

10.061

11.637

13.316

13.644
13.958
14.215

14.656

15.326

16.214
16.996

17.484

19.185

20.299

20.909

21.130

22.162

22.843

22.650

23.621

24.303

25.064

24.683

26.226

26.949

28.420

28.878

IEA Pesticide Standard Report

Sample Name : INDA4 W/MIREX Report No : 8.00
 Result File : /DATA/LOOP/RESULT/A4524008.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2105 28Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 8 Bottle no. : 8

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.31		.102335	11661	BV	0.0000	
2	6.65		.179558	8811	VV	0.0000	
3	7.13		.221274	10954	VV	0.0000	
4	7.49		.140730	2987	VB	0.0000	
5	8.29		.020384	860	PV	0.0000	
6	8.79		.058460	13707	PV	0.0000	
7	10.06	10.10	.069398	971787	BB	.2703	Tetrachloro-m-xylene
8	11.64		.089533	12430	BV	0.0000	
9	13.32	13.36	.062690	1054360	VV	.2814	alpha-BHC
10	13.64		.094911	22101	VV	0.0000	
11	13.97		.217855	3468	PV	0.0000	
12	14.21		.095571	7805	VV	0.0000	
13	14.66	14.70	.063437	1062021	PB	.2786	gamma-BHC (Lindane)
14	15.33	15.37	.069798	898371	BB	.2310	Heptachlor
15	16.21	16.26	.063129	7787	BB	.0023	Aldrin
16	17.00		.088804	7214	BB	0.0000	
17	17.48	17.53	.066800	802335	BB	.2794	Isodrin
18	19.19	19.23	.068825	863026	BR	.2892	Endosulfan I
19	20.30	20.35	.068814	1798880	BV	.5615	Dieldrin
20	20.91	20.96	.070365	1412553	BV	.5552	Endrin
21	21.13		.087193	5557	VB	0.0000	
22	22.16	22.21	.071463	1391425	BV	.5669	4,4'-DDD
23	22.65	22.70	.070158	1280523	VV	.6020	4,4'-DDT
24	22.84		.082844	90505	VV	0.0000	
25	23.62		.134382	9005	BB	0.0000	
26	24.30	24.35	.096786	851864	BV	851863.600	Mirex
27	24.68	24.75	.094141	2826089	VV	2.4831	Methoxychlor
28	25.00		.128949	56438	VB	0.0000	
29	26.23	26.29	.086910	74405	BB	.0303	Endrin ketone
30	26.95		.095108	8921	BB	0.0000	
31	28.42		.086849	12342	BB	0.0000	
32	28.88	#28.93	.090450	1629470	BB	.4943	Decachlorobiphenyl

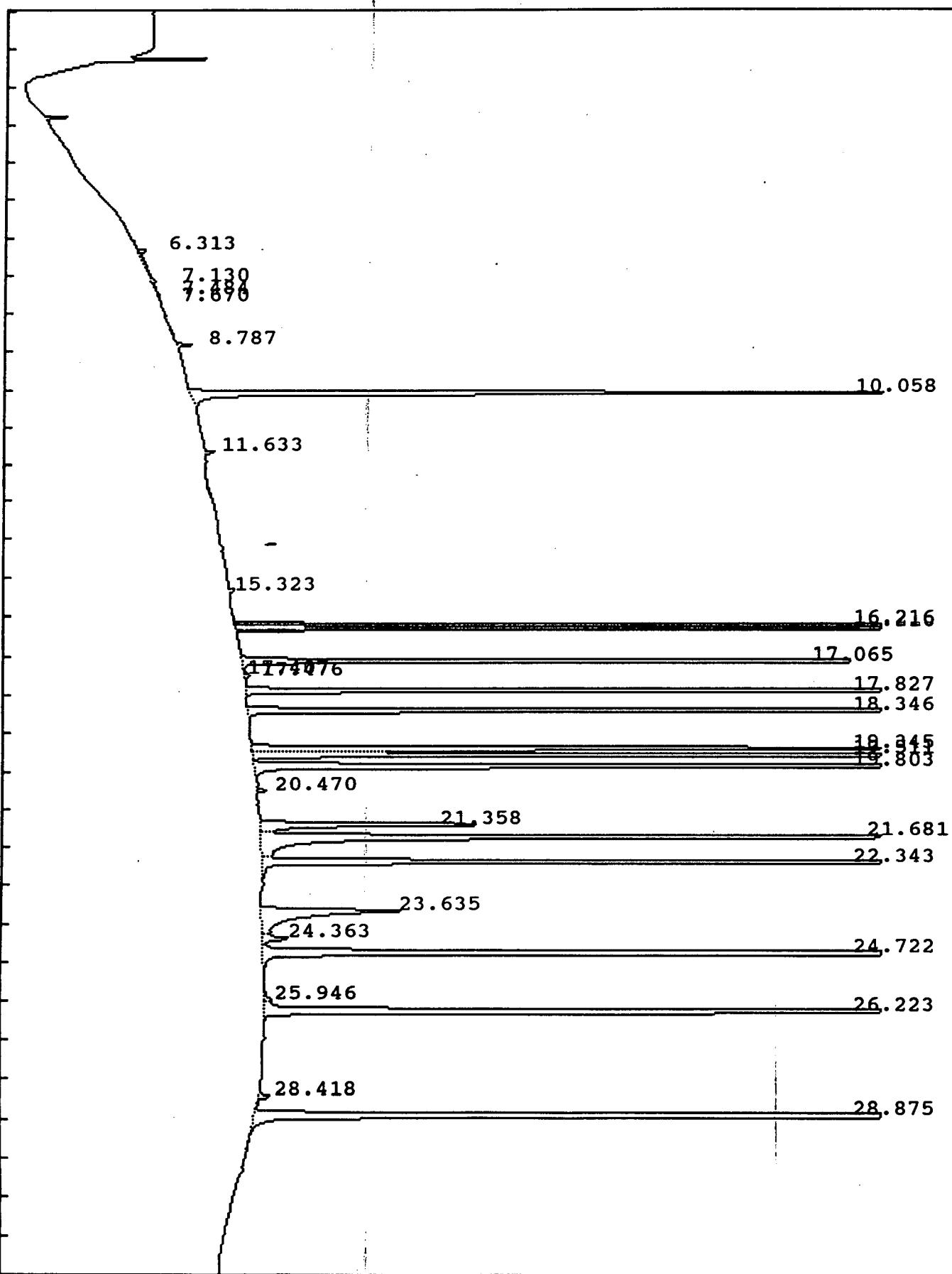
Total Area : 17209668 Total PPB : 851870.500

Report Time : 2143 28Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524008.RES

IEA Pesticide Standard Report

Sample Name : INDB4
Result File : /DATA/LOOP/RESULT/A4524009.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2151 28Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



0236

IEA Pesticide Standard Report

Sample Name : INDB4 Report No : 9.00
 Result File : /DATA/LOOP/RESULT/A4524009.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2151 28Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 9 Bottle no. : 9

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.31		.115268	14413	BV	0.0000	
2	7.13		.400725	24947	VV	0.0000	
3	7.48		.204506	7165	VV	0.0000	
4	7.67		.092874	2053	BV	0.0000	
5	8.79		.037004	6560	BV	0.0000	
6	10.06	10.10	.068136	997952	BB	.2776	Tetrachloro-m-xylene
7	11.63		.068569	9368	BB	0.0000	
8	15.32	15.37	.063974	5391	BV	.0014	Heptachlor
9	16.22	16.26	.065759	981244	BB	.2838	Aldrin
10	17.06	17.11	.065678	657633	BV	.2895	beta-BHC
11	17.41		.071997	3722	VV	0.0000	delta-BHC
12	17.48	17.53	.075436	4994	BV	.0017	Isodrin
13	17.83		.061178	907265	BB	0.0000	
14	18.35	18.39	.067207	926072	BB	.2707	Heptachlor epoxide
15	19.35	19.39	.068203	1021317	PV	.2806	gamma-Chlordane
16	19.51	19.56	.069217	984289	VV	.2795	alpha-Chlordane
17	19.80	19.85	.068516	1795621	BV	.5700	4,4'-DDE
18	20.47		.075742	7940	BV	0.0000	
19	21.36		.095694	268389	BV	0.0000	
20	21.68	21.74	.103879	897353	VV	.6947	Chlorobenzilate
21	22.34	22.39	.069776	1569007	BV	.5509	Endosulfan II
22	23.64	23.70	.202204	302448	BV	.1985	Endrin aldehyde
23	24.36	24.35	.112350	33571	VV	33571.2700	Mirex
24	24.72	24.75	.089719	1530291	BV	1.3446	Methoxychlor ESS
25	25.95		.148354	11395	BV	0.0000	
26	26.22	26.29	.086987	1458985	BV	.5939	Endrin ketone
27	28.42		.114909	15355	BV	0.0000	
28	28.87	#28.93	.088921	1595264	PV	.4839	Decachlorobiphenyl

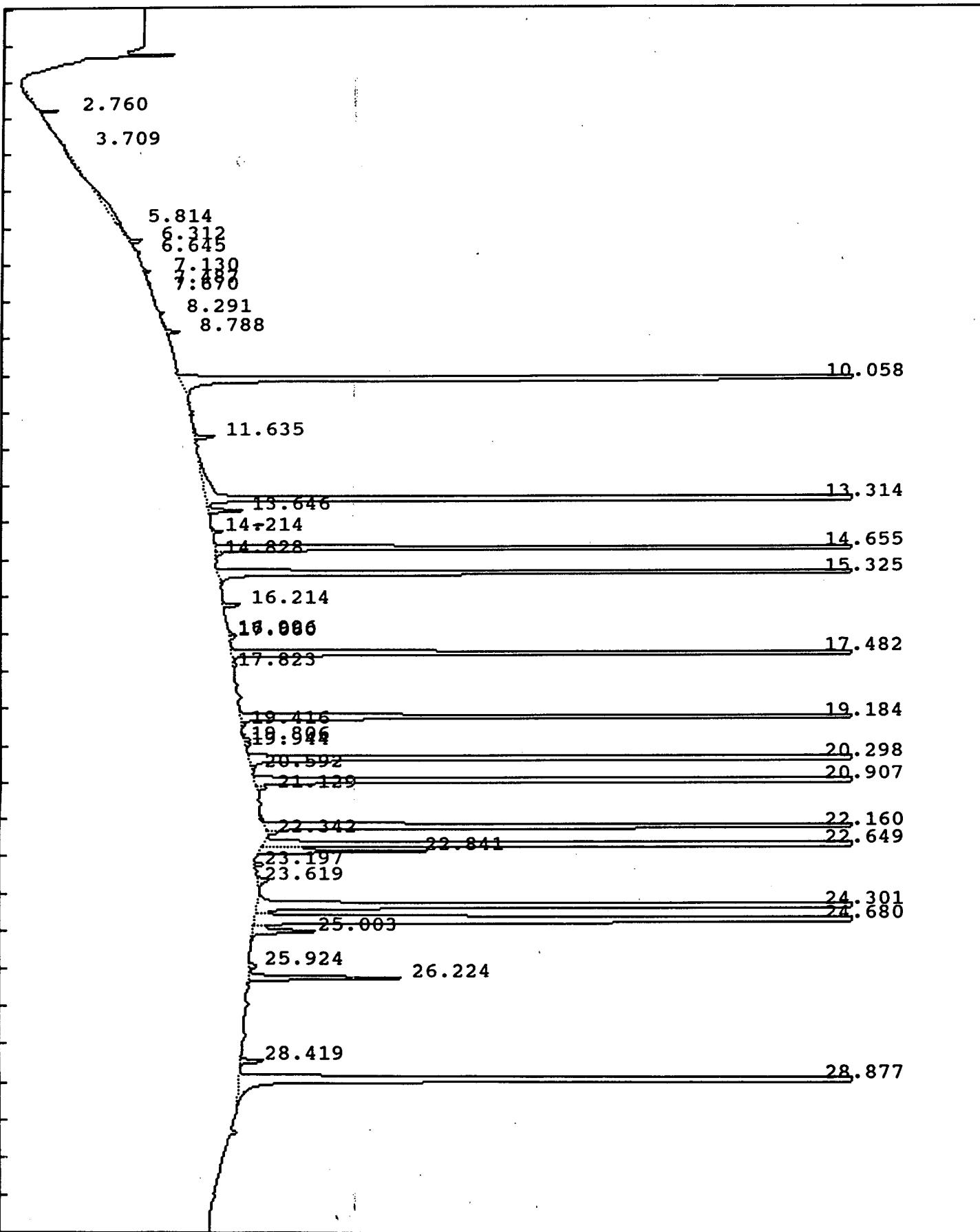
Total Area : 16040008 Total PPB : 33577.380

Report Time : 2225 28Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524009.RES

IEA Pesticide Standard Report

Sample Name : INDA5 W/MIREX
Result File : /DATA/LOOP/RESULT/A4524010.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2237 28Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDA5 W/MIREX Report No : 10.00
 Result File : /DATA/LOOP/RESULT/A4524010.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2237 28Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 10 Bottle no. : 10

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
1	2.76		.017424		5173	BV	0.0000	
2	3.71		.129348		3976	VV	0.0000	
3	5.81		.686859		40097	VV	0.0000	
4	6.31		.127021		25757	VV	0.0000	
5	6.65		.112099		6453	VB	0.0000	
6	7.13		.076679		6104	BV	0.0000	
7	7.49		.133315		3145	VV	0.0000	
8	7.67		.074090		1777	VB	0.0000	
9	8.29		.030117		2030	BV	0.0000	
10	8.79		.057467		9671	PV	0.0000	
11	10.06	10.10	—	.068780	1821406	BB	.5067	Tetrachloro-m-xylene
12	11.63		.078389		20997	BB	0.0000	
13	13.31	13.36	.064856		2132307	VV	.5691	alpha-BHC
14	13.65		.079671		33448	VB	0.0000	
15	14.21		.064776		8301	BB	0.0000	
16	14.65	14.70	.064044		2045378	BV	.5366	gamma-BHC (Lindane)
17	14.83		.084936		7162	VB	0.0000	
18	15.33	15.37	.070269		1654173	BB	.4253	Heptachlor
19	16.21	16.26	.070125		17707	BB	.0051	Aldrin
20	17.00		.077778		5779	BV	0.0000	
21	17.06		.067914		5362	VB	0.0000	
22	17.48	17.53	.068303		1623409	BV	.5653	Isodrin
23	17.82		.070500		3740	VB	0.0000	
24	19.18	19.23	.069908		1637471	BV	.5487	Endosulfan I
25	19.42	19.39	.078229		3126	VB	.0009	gamma-Chlordane
26	19.81	19.85	.072350		6939	BV	.0022	4,4'-DDE
27	19.94		.080038		6499	VB	0.0000	
28	20.30	20.35	.070316		3331831	BV	1.0401	Die�drin
29	20.59		.086301		4728	VV	0.0000	
30	20.91	20.96	.071811		2590281	PV	1.0181	Endrin
31	21.13		.091040		11188	VB	0.0000	
32	22.16	22.21	.069063		2563994	BV	1.0447	4,4'-DDD
33	22.34	22.39	.076677		10691	VB	.0038	Endosulfan II
34	22.65	22.70	.069734		2398262	BV	1.1276	4,4'-DDT
35	22.84		.069470		136693	VV	0.0000	
36	23.20		.072194		8259	PV	0.0000	
37	23.62		.153618		20004	VB	0.0000	
38	24.30	24.35	.096647		1560460	BV	1560460.00	Mirex
39	24.68	24.75	.092377		5160689	VV	4.5344	Methoxychlor
40	25.00		.104840		73688	VB	0.0000	

0239

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	25.92		.095616	8263	BB	0.0000	
42	26.22	26.29	.083169	150348	BV	.0612	Endrin ketone
43	28.42		.086567	23845	BB	0.0000	
44	28.88	#28.93	.089003	2853809	BB	.8657	Decachlorobiphenyl

Total Area : 32044428 Total PPB : 1560473.000

Report Time : 2311 28Apr1998

Method : /DATA/LOOP/METHOD/A4524.MTH

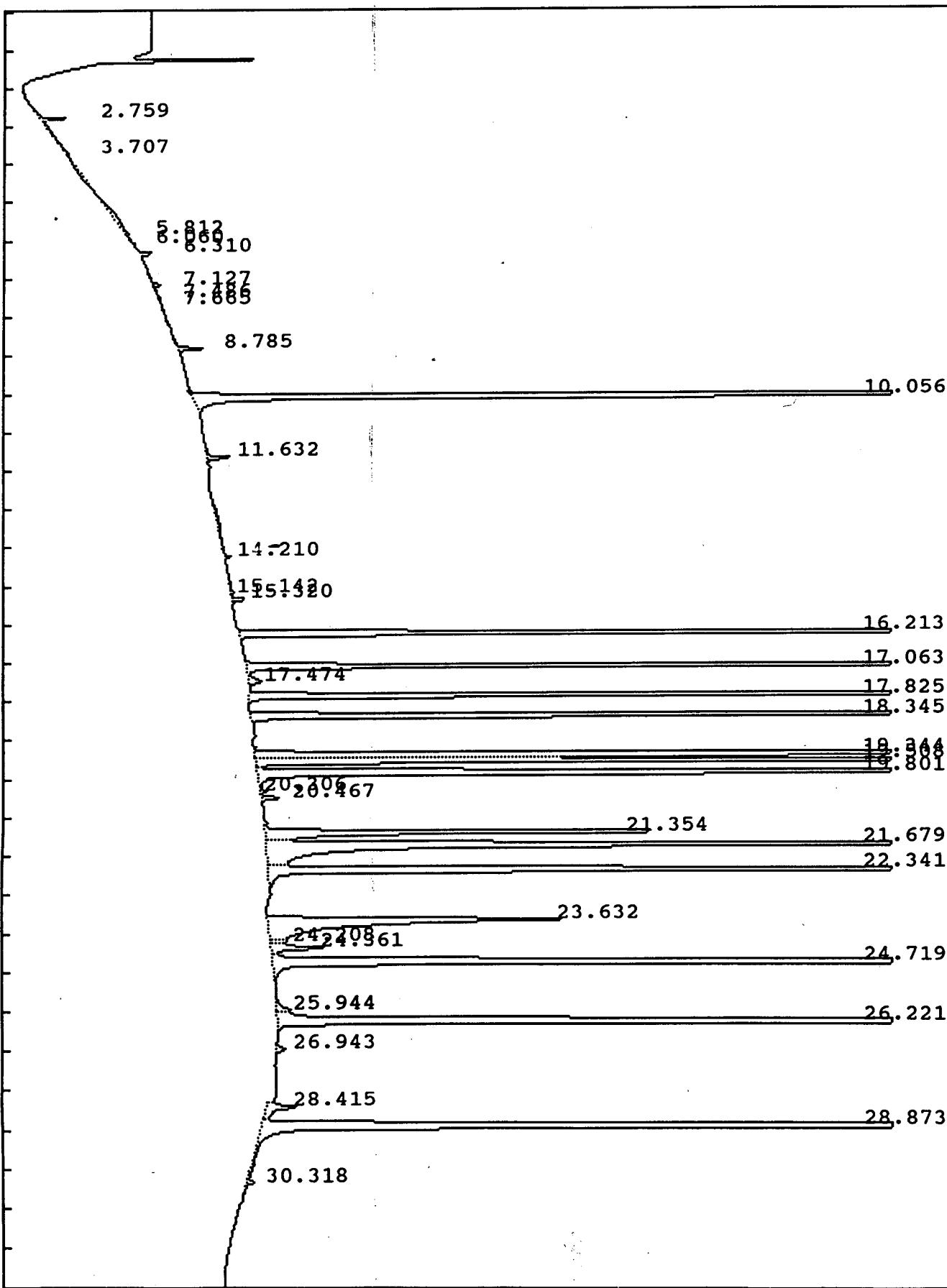
Result File : /DATA/LOOP/RESULT/A4524010.RES

IEA Pesticide Standard Report

0240

Sample Name : INDB5
Result File : /DATA/LOOP/RESULT/A4524011.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2323 28Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDB5 Report No : 11.00
 Result File : /DATA/LOOP/RESULT/A4524011.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD.
 Run Time : 33.00 Mins. Injected on 2323 28Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 11 Bottle no. : 11

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.067130	23413	PV	0.0000	
2	3.71		.482707	18556	VV	0.0000	
3	5.81		.830083	30870	VV	0.0000	
4	6.06		.113610	4080	VV	0.0000	
5	6.31		.062124	11829	VB	0.0000	
6	7.13		.136570	12802	BV	0.0000	
7	7.49		.197108	5124	VV	0.0000	
8	7.66		.095597	2631	VV	0.0000	
9	8.79		.049182	14771	VV	0.0000	
10	10.06	10.10	.068743	1958191	BB	.5447	Tetrachloro-m-xylene
11	11.63	-	.081918	23744	BB	0.0000	
12	14.21		.299643	20458	BB	0.0000	
13	15.14		.101860	5062	BV	0.0000	
14	15.32	15.37	.074701	13466	PB	.0035	Heptachlor
15	16.21	16.26	.066302	2043329	BB	.5909	Aldrin
16	17.06	17.11	.065845	1269196	BV	.5588	beta-BHC
17	17.47	17.53	.123365	16659	VB	.0058	Isodrin
18	17.82		.063394	1907503	BB	0.0000	
19	18.34	18.39	.068707	1883374	BB	.5504	Heptachlor epoxide
20	19.34	19.39	.068935	2063651	VV	.5671	gamma-Chlordane
21	19.51	19.56	.070237	1968059	VV	.5588	alpha-Chlordane
22	19.80	19.85	.069829	3611024	VV	1.1462	4,4'-DDE
23	20.31	20.35	.087228	6712	VV	.0021	Dieldrin
24	20.47		.080398	17311	VB	0.0000	
25	21.35		.095630	497211	VV	0.0000	
26	21.68	21.74	.102356	1610940	VV	1.2470	Chlorobenzilate
27	22.34	22.39	.071237	3124432	VV	1.0971	Endosulfan II
28	23.63	23.70	.193901	607547	BV	.3988	Endrin aldehyde
29	24.21		.106005	17903	VV	0.0000	
30	24.36	24.35	.112710	68056	VV	68055.9200	Mirex
31	24.72	24.75	.090730	3068050	VB	2.6957	Methoxychlor
32	25.94		.132591	18614	BV	0.0000	
33	26.22	26.29	.087399	2885385	VV	1.1745	Endrin ketone
34	26.94		.097130	9981	BV	0.0000	
35	28.41		.153203	50404	VV	0.0000	
36	28.87	#28.93	.088493	3039657	VV	.9220	Decachlorobiphenyl
37	30.32		.108609	9379	VV	0.0000	

Total Area : 31939380 Total PPB : 68067.980

0242

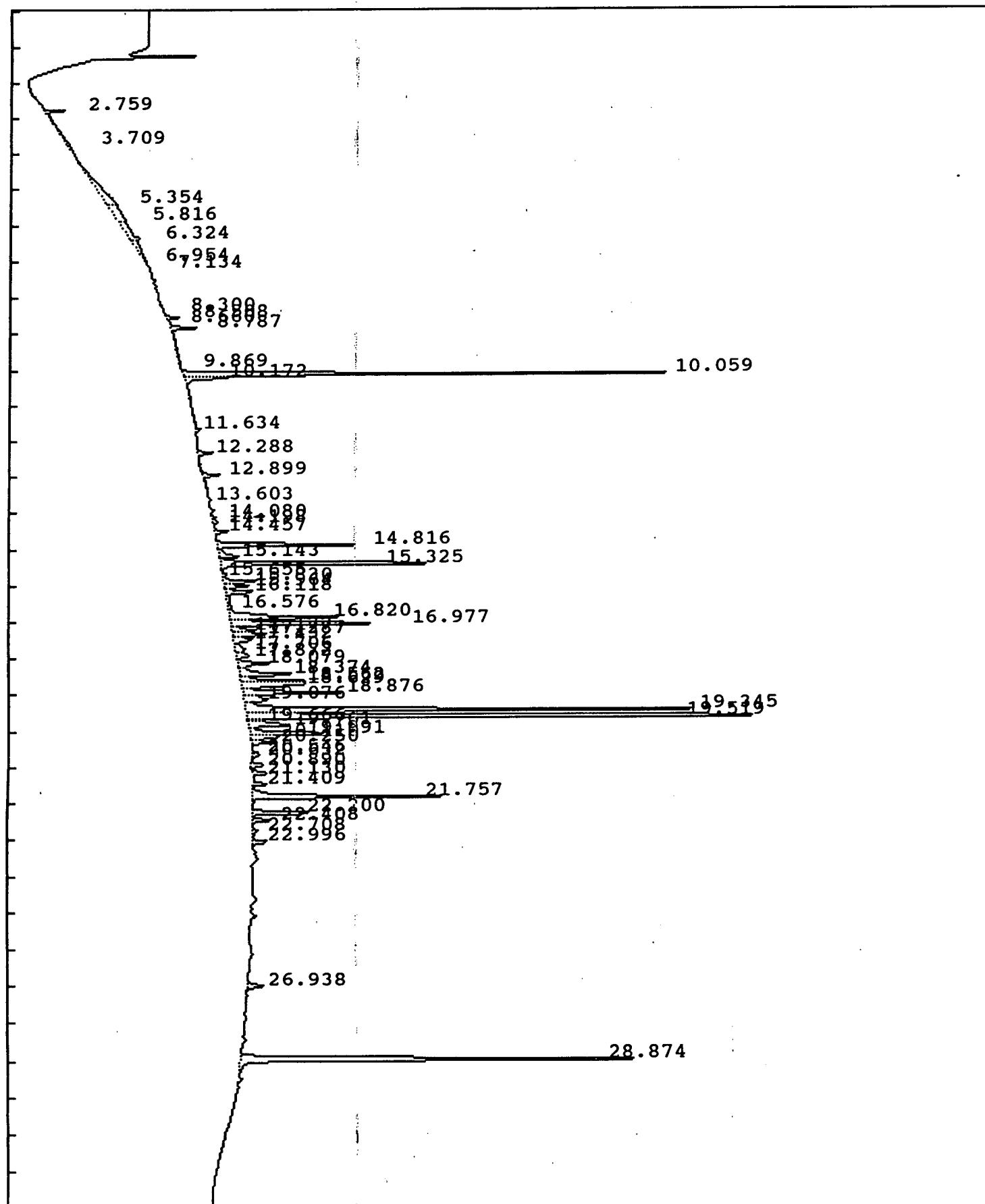
Report Time : 2357 28Apr1998
Method : /DATA/LOOP/METHOD/A4524.MTH
IEA Pesticide Standard Report
Result File : /DATA/LOOP/RESULT/A4524011.RES

0243

IEA Pesticide Standard Report

Sample Name : TCLR2 0.2ng
Result File : /DATA/LOOP/RESULT/A4524012.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0009 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : TCLR2 0.2ng Report No : 12.00
 Result File : /DATA/LOOP/RESULT/A4524012.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0009 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 12 Bottle no. : 12

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.057389	18219	PV	0.0000	
2	3.71		.495117	25481	VV	0.0000	
3	5.35		.616692	73424	VV	0.0000	
4	5.82		.465530	47384	VV	0.0000	
5	6.32		.343924	43655	VV	0.0000	
6	6.95		.762430	26903	VV	0.0000	
7	7.13		.098776	1398	VB	0.0000	
8	8.30		.031459	516	BV	0.0000	
9	8.51		.059371	10091	PV	0.0000	
10	8.66		.062670	1261	VV	0.0000	
11	8.79	-	.063339	19995	VB	0.0000	
12	9.87		.752279	11023	BV	0.0000	
13	10.06	10.10	.065630	407977	PV	.1135	Tetrachloro-m-xylene
14	10.17		.074460	38677	VB	0.0000	
15	11.63		.200954	12562	BB	0.0000	
16	12.29		.070088	13354	BB	0.0000	
17	12.90		.067424	15109	BV	0.0000	
18	13.60		.246338	5984	VB	0.0000	
19	14.08		.060856	3626	BV	0.0000	
20	14.20		.066752	4536	VV	0.0000	
21	14.46		.071405	11642	PB	0.0000	
22	<u>14.82</u>		.069207	121711	BV	0.0000	
23	15.14		.101163	25044	VV	0.0000	
24	<u>15.32</u>	15.37	.070463	221850	VV	.0570	Heptachlor
25	15.66		.101711	5014	VV	0.0000	
26	15.83		.072788	31322	VV	0.0000	
27	15.96		.075753	22001	VV	0.0000	
28	16.12		.086762	30997	VV	0.0000	
29	16.58		.289711	12256	VV	0.0000	
30	16.82		.087722	125777	VV	0.0000	
31	<u>16.98</u>	3	.074736	148393	VV	0.0000	
32	17.18		.082423	22959	VV	0.0000	
33	17.29		.093173	37738	VV	0.0000	
34	17.43		.105409	23948	VV	0.0000	
35	17.71		.180675	19266	VV	0.0000	
36	17.87	17.88	.099298	15634	VV	.0049	delta-BHC
37	18.08		.094114	35710	VV	0.0000	
38	18.37	18.39	.102191	65100	VV	.0190	Heptachlor epoxide
39	18.56		.069034	53403	VV	0.0000	
40	18.63		.112423	83653	VV	0.0000	

0245

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	18.88		.079511	94560	VV	0.0000	
42	19.08		.130125	36394	VV	0.0000	
43	19.35	19.39	.071245	404503	VV	.1112	gamma-Chlordane
44	19.52	19.56	.075557	567701	VV	.1612	alpha-Chlordane
45	19.67		.060158	11775	VV	0.0000	
46	19.76		.079069	43446	VV	0.0000	
47	19.99		.081027	86240	VV	0.0000	
48	20.11		.077215	26024	VV	0.0000	
49	20.25		.072290	21551	BV	0.0000	
50	20.55		.065973	5929	BV	0.0000	
51	20.63		.077032	7037	BV	0.0000	
52	20.89	20.96	.086276	13667	BV	.0054	Endrin
53	21.13		.091608	17222	PB	0.0000	
54	21.41		.063548	11063	BV	0.0000	
55	21.76	21.74	.076390	174865	PV	.1354	Chlorobenzilate
56	22.20	22.21	.071074	60575	BV	.0247	4,4'-DDD
57	22.41	22.39	.074671	16810	VV	.0059	Endosulfan II
58	22.71	22.70	.125375	8890	PB	.0042	4,4'-DDT
59	23.00		.099574	17751	BV	0.0000	
60	26.94		.093413	17381	BB	0.0000	
61	28.87	#28.93	.089921	410616	BV	.1246	Decachlorobiphenyl

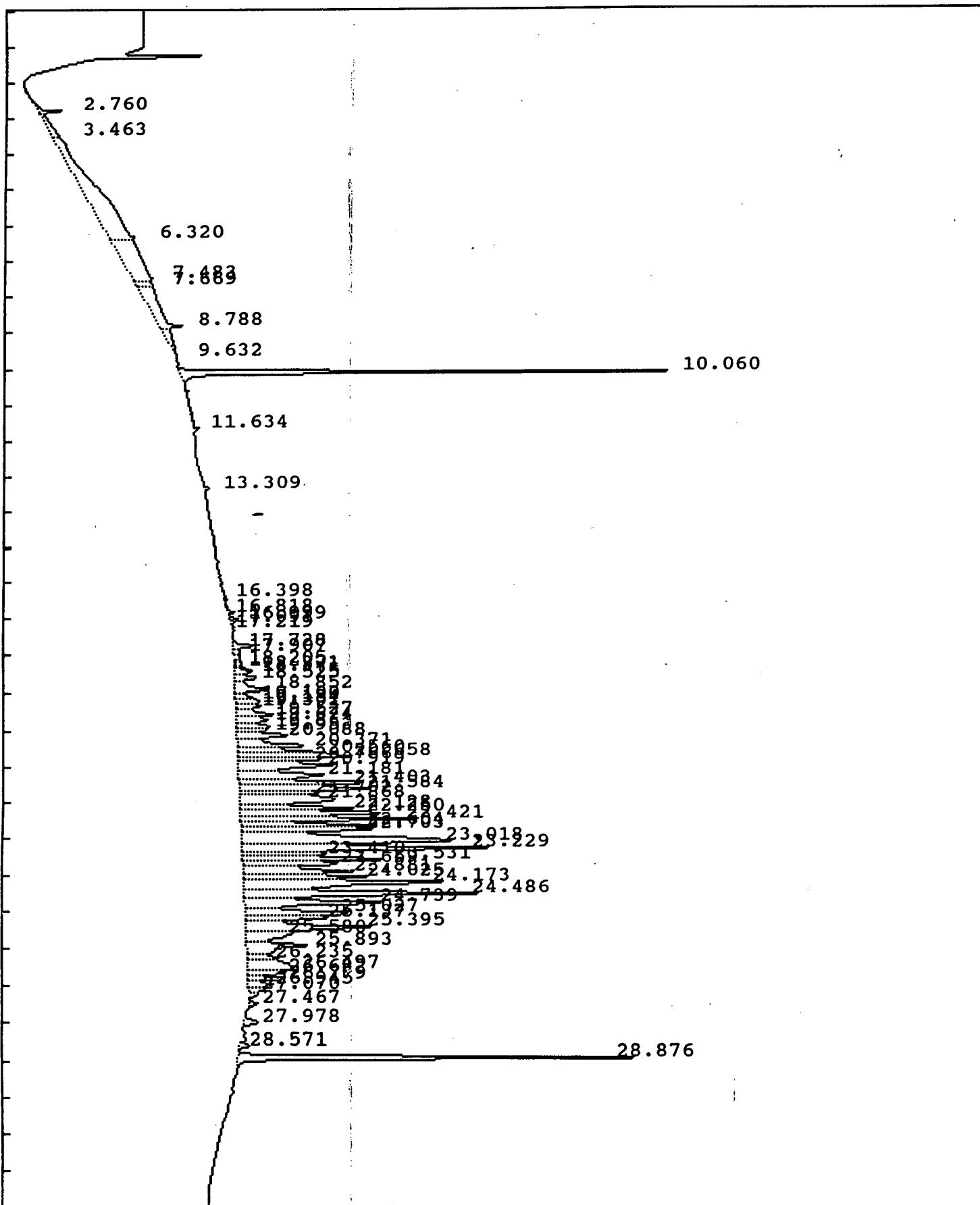
Total Area : 3948590 Total PPB : .767

Report Time : 0043 29Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524012.RES

IEA Pesticide Standard Report

Sample Name : TOXAPH2 0.5ng
Result File : /DATA/LOOP/RESULT/A4524013.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0055 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Report No : 13.00

Sample Name : TOXAPH2 0.5ng
 Result File : /DATA/LOOP/RESULT/A4524013.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0055 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 13 Bottle no. : 13

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.069110	24074	BV	0.0000	
2	3.46		.406568	40761	VV	0.0000	
3	6.32		1.720764	510445	VV	0.0000	
4	7.48		1.123689	262906	VV	0.0000	
5	7.67		.160476	30972	VV	0.0000	
6	8.79		.580532	161220	VV	0.0000	
7	9.63		2.143929	40356	VB	0.0000	
8	10.06	10.10	.067737	424793	BB	.1182	Tetrachloro-m-xylene
9	11.63		.151863	8863	BB	0.0000	
10	13.31		.096591	6755	BB	0.0000	
11	16.40		.142516	3426	BV	0.0000	
12	16.82		.079369	6896	PV	0.0000	
13	17.00		.089355	8465	VV	0.0000	
14	17.09	17.11	.063673	3146	VV	.0014	beta-BHC
15	17.22		.061269	1678	VV	0.0000	
16	17.73		.105288	25228	BV	0.0000	
17	17.91	17.88	.101887	7292	VV	.0023	delta-BHC
18	18.20		.103387	8913	VV	0.0000	
19	18.37	18.39	.132766	26220	VV	.0077	Heptachlor epoxide
20	18.53		.119291	32251	VV	0.0000	
21	18.85		.151684	58239	VV	0.0000	
22	19.10		.123867	27285	VV	0.0000	
23	19.18	19.23	.093561	28236	VV	.0095	Endosulfan I
24	19.30		.113677	31686	VV	0.0000	
25	19.53	19.56	.134553	59147	VV	.0168	alpha-Chlordane
26	19.67		.130351	47455	VV	0.0000	
27	19.86	19.85	.131413	48238	VV	.0153	4,4'-DDE
28	19.95		.082687	27593	VV	0.0000	
29	20.09		.130855	78065	VV	0.0000	
30	20.37	20.35	.132772	109812	VV	.0343	Dieldrin
31	20.56		.110842	112895	VV	0.0000	
32	20.66		.107142	140416	VV	0.0000	
33	20.77		.083973	78722	VV	0.0000	
34	20.92	20.96	.154299	172204	VV	.0677	Endrin
35	21.18		.173150	166595	VV	0.0000	
36	21.40		.116317	176173	VV	0.0000	
37	21.58		.124934	192698	VV	0.0000	
38	21.70	21.74	.093490	81530	VV	.0631	Chlorobenzilate
39	21.87		.219273	226193	VV	0.0000	
40	22.13		.109003	141878	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
41	22.25	22.21	.116796		201642	VV	.0822	4,4'-DDD
42	22.42	22.39	.101293		208062	VV	.0731	Endosulfan II
43	22.60		.098503		151109	VV	0.0000	
44	22.70	22.70	.114961		169253	VV	.0796	4,4'-DDT
45	<u>23.02</u>	22	.212371		502295	VV	0.0000	
46	<u>23.23</u>	3	.122626		353880	VV	0.0000	
47	23.41		.111626		103232	VV	0.0000	
48	23.53		.100833		174940	VV	0.0000	
49	23.66	23.70	.122155		136212	VV	.0894	Endrin aldehyde
50	23.88		.134721		167789	VV	0.0000	
51	24.03		.109408		154596	VV	0.0000	
52	<u>24.17</u>	4	.159166		374521	VV	0.0000	
53	<u>24.49</u>	5	.135463		359599	VV	0.0000	
54	24.74	24.75	.141146		228463	VV	.2007	Methoxychlor
55	25.03		.119721		152335	VV	0.0000	
56	25.14		.119985		111610	VV	0.0000	
57	<u>25.39</u>	6	.156248		227931	VV	0.0000	
58	<u>25.58</u>		.185989		94545	VV	0.0000	
59	25.89		.185819		130017	VV	0.0000	
60	26.24	26.29	.113061		40329	VV	.0164	Endrin ketone
61	26.50		.219729		131913	VV	0.0000	
62	26.62		.101433		43071	VV	0.0000	
63	26.78		.092788		43765	VV	0.0000	
64	26.95		.132088		37450	VV	0.0000	
65	27.07		.114754		20661	VV	0.0000	
66	27.47		.084137		9741	VV	0.0000	
67	27.98	-	.137287		21840	BV	0.0000	
68	28.57		.096478		12057	VV	0.0000	
69	28.88	#28.93	.089645		410249	PV	.1244	Decachlorobiphenyl

Total Area : 8412830 Total PPB : 1.002

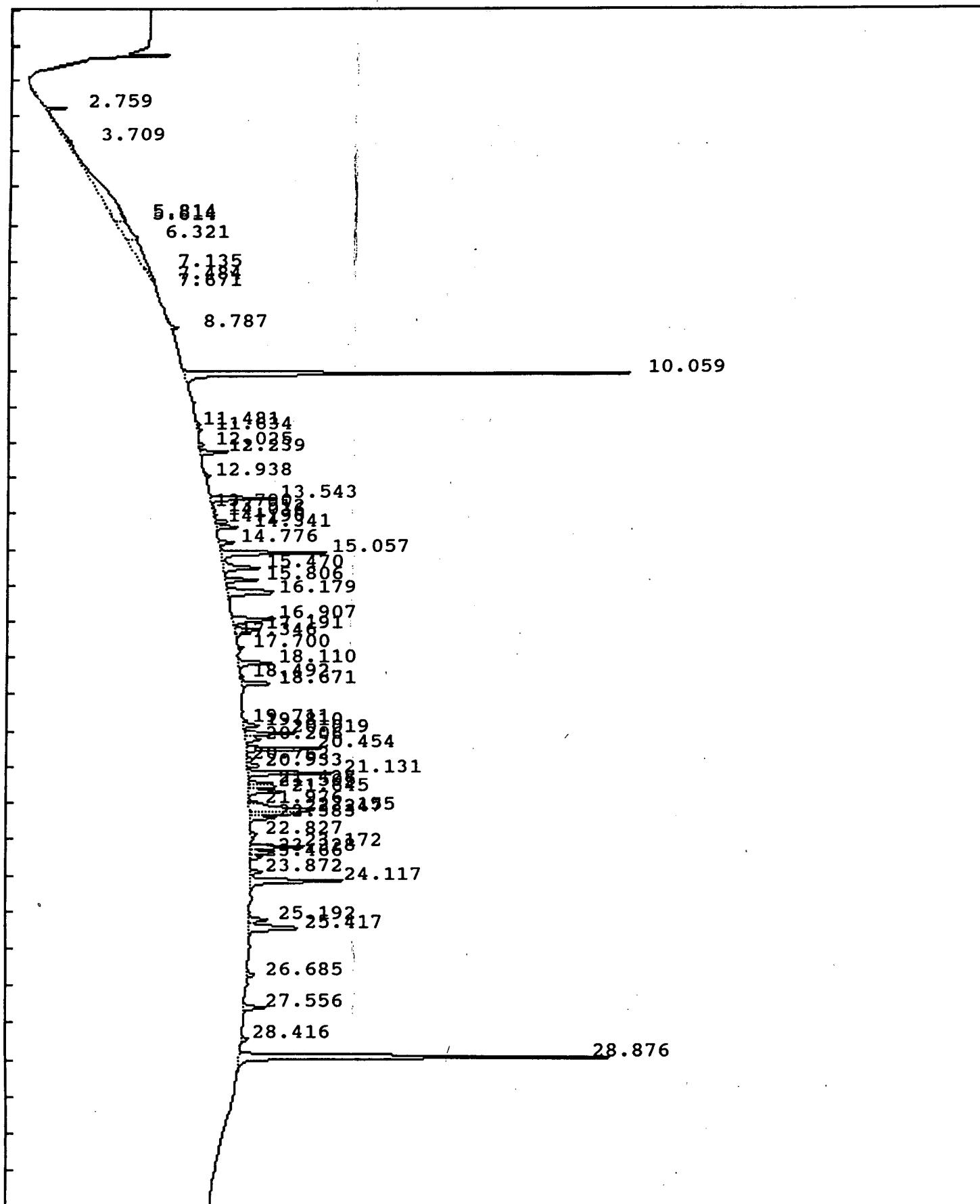
Report Time : 0131 29Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524013.RES

0249

IEA Pesticide Standard Report

Sample Name : AR16601 0.05ng
Result File : /DATA/LOOP/RESULT/A4524014.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0141 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



0250

IEA Pesticide Standard Report

Sample Name : AR16601 0.05ng Report No : 14.00
 Result File : /DATA/LOOP/RESULT/A4524014.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0141 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 14 Bottle no. : 14

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.044431	14133	BV	0.0000	
2	3.71		.447600	31235	VV	0.0000	
3	5.81		1.207772	172600	VV	0.0000	
4	6.32		.405171	64150	VV	0.0000	
5	7.13		.946890	70867	VV	0.0000	
6	7.48		.280711	15473	VV	0.0000	
7	7.67		.135217	2434	VB	0.0000	
8	8.79		.058255	5796	PV	0.0000	
9	10.06	10.10	.068462	392754	BB	.1093	Tetrachloro-m-xylene
10	11.48		.097087	5022	BV	0.0000	
11	11.63		.071825	3939	VB	0.0000	
12	12.02		.073434	5023	BB	0.0000	
13	12.24	1	.074219	26060	BB	0.0000	
14	12.94		.060942	4271	BB	0.0000	
15	13.54	2	.077132	63755	BV	0.0000	
16	13.79		.082261	1716	VV	0.0000	
17	13.91		.063060	2448	VV	0.0000	
18	14.04		.063326	3474	VV	0.0000	
19	14.19		.069160	13309	PV	0.0000	
20	14.34		.073641	21480	VB	0.0000	
21	14.78		.079730	14354	BB	0.0000	
22	15.06	5	.084409	108002	BV	0.0000	
23	15.47		.101911	50137	VV	0.0000	
24	15.81		.074768	31478	VV	0.0000	
25	16.18	6	.155494	82156	VB	0.0000	
26	16.91	7	.105528	55327	BV	0.0000	
27	17.19		.092887	29184	VV	0.0000	
28	17.35		.074785	5644	VB	0.0000	
29	17.70		.048384	3282	BV	0.0000	
30	18.11		.085938	36629	BV	0.0000	
31	18.49		.069738	3315	PV	0.0000	
32	18.67		.074383	30280	PV	0.0000	
33	19.71		.059691	3606	BV	0.0000	
34	19.81	19.85	.074374	15598	VV	.0050	4,4'-DDE
35	20.02		.073103	45096	PV	0.0000	
36	20.21		.110960	20204	VB	0.0000	
37	20.45		.074990	75067	BV	0.0000	
38	20.76		.122101	8937	PV	0.0000	
39	20.93	20.96	.073375	12370	VV	.0049	Endrin
40	21.13	2	.078744	86329	VV	0.0000	

0251

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
41	21.43		.067407		19025	VV	0.0000	
42	21.50		.075121		27521	VV	0.0000	
43	21.64	21.74	.083823		38263	VV	.0296	Chlorobenzilate
44	21.98		.069689		11588	VV	0.0000	
45	22.15		.102559		90475	VV	0.0000	
46	22.25	22.21	.074574		52412	VV	.0214	4,4'-DDD
47	22.38	22.39	.082419		28349	VB	.0100	Endosulfan II
48	22.83		.107441		9358	BV	0.0000	
49	23.17 ⁴		.080898		52342	VV	0.0000	
50	23.33		.082464		27026	VV	0.0000	
51	23.47		.082650		12662	VB	0.0000	
52	23.87		.096586		13047	BV	0.0000	
53	24.12 ⁵	55	100551		107609	VB	0.0000	
54	25.19		.088491		20589	PV	0.0000	
55	25.42 ⁷		.125751		72572	VB	0.0000	
56	26.68		.098877		9957	BB	0.0000	
57	27.56 ⁸		.092271		23414	BB	0.0000	
58	28.42		.087526		8783	BB	0.0000	
59	28.88 #28.93		.090624		391361	BB	.1187	Decachlorobiphenyl

Total Area : 2653291 Total PPB : .299

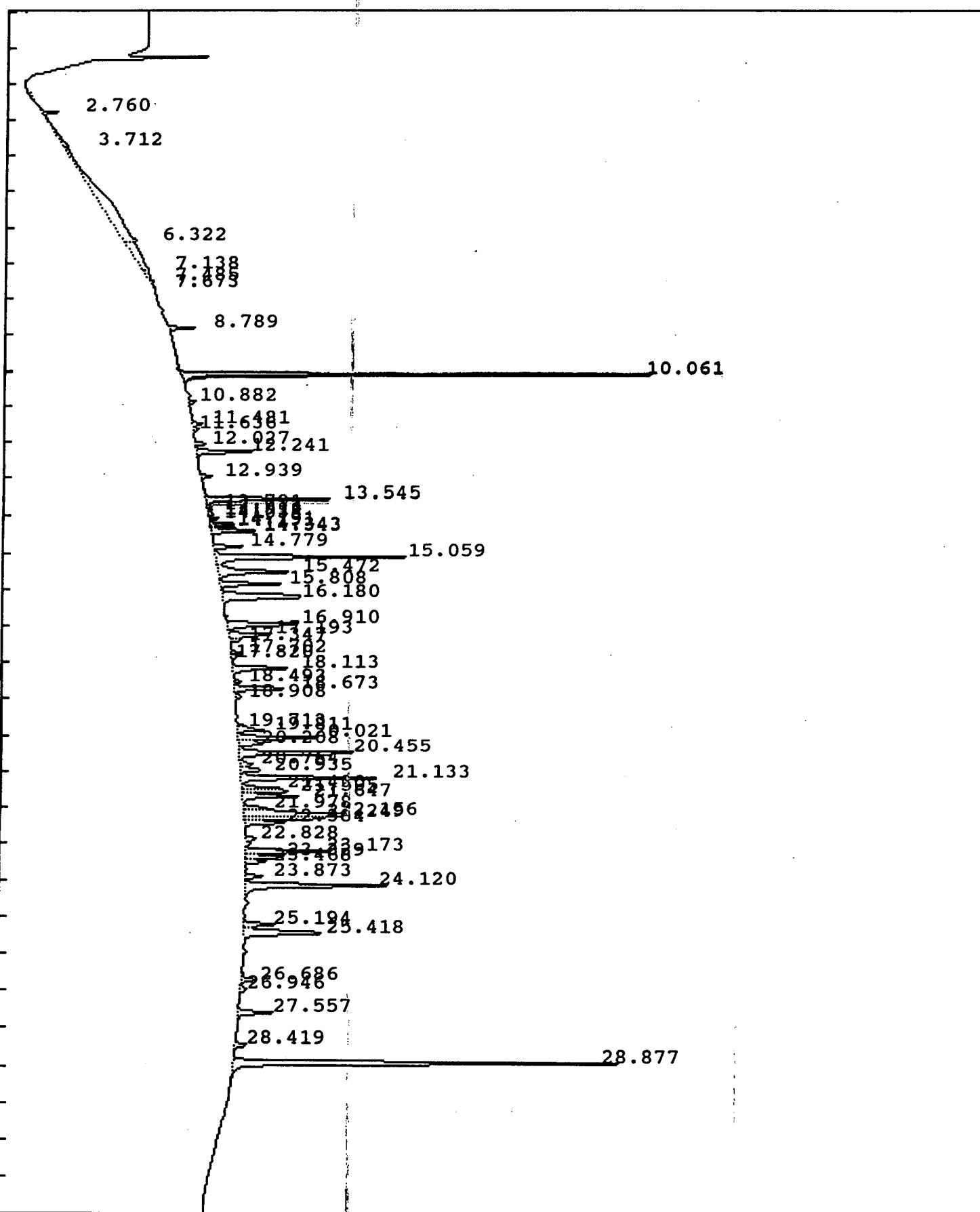
Report Time : 0215 29Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524014.RES

0252

IEA Pesticide Standard Report

Sample Name : AR16602 0.1ng
Result File : /DATA/LOOP/RESULT/A4524015.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0227 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul.



IEA Pesticide Standard Report

Sample Name : AR16602 0.1ng Report No : 15.00
 Result File : /DATA/LOOP/RESULT/A4524015.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0227 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 15 Bottle no. : 15

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.040047	10604	BV	0.0000	
2	3.71		.525500	29992	VV	0.0000	
3	6.32		1.492125	246177	VV	0.0000	
4	7.14		.923753	69960	VV	0.0000	
5	7.48		.277641	16364	VV	0.0000	
6	7.67		.118931	2649	VB	0.0000	
7	8.79		.061327	19243	PV	0.0000	
8	10.06	10.10	.067525	405670	BB	.1129	Tetrachloro-m-xylene
9	10.88		.069552	7014	VB	0.0000	
10	11.48		.091475	10395	BV	0.0000	
11	11.64		-.083524	5128	VB	0.0000	
12	12.03		.069443	9978	BV	0.0000	
13	12.24		.076185	54511	PB	0.0000	
14	12.94		.069922	10114	BB	0.0000	
15	13.55		.076138	116532	BV	0.0000	
16	13.79		.084395	3902	VV	0.0000	
17	13.91		.067914	5673	VV	0.0000	
18	14.04		.072055	8822	VV	0.0000	
19	14.19		.071275	26073	VV	0.0000	
20	14.34		.076530	42047	VB	0.0000	
21	14.78		.082965	27832	BV	0.0000	
22	15.06		.086950	194606	VV	0.0000	
23	15.47		.105494	94784	VV	0.0000	
24	15.81		.077721	58720	VV	0.0000	
25	16.18	16.26	.156948	139424	VB	.0403	Aldrin
26	16.91		.103227	88036	BV	0.0000	
27	17.19		.090234	48629	VV	0.0000	
28	17.35		.074302	9792	VB	0.0000	
29	17.70		.064525	8582	BV	0.0000	
30	17.82		.075638	5602	VV	0.0000	
31	18.11		.087271	59521	PB	0.0000	
32	18.49		.073188	6284	BV	0.0000	
33	18.67		.080200	53086	VV	0.0000	
34	18.91		.104450	6899	VB	0.0000	
35	19.71		.063326	6738	BV	0.0000	
36	19.81	19.85	.076869	26280	VV	.0083	4,4'-DDE
37	20.02		.074740	73562	VV	0.0000	
38	20.21		.117246	36447	VV	0.0000	
39	20.46		.079804	125725	VV	0.0000	
40	20.76		.134159	18909	VV	0.0000	

IEA Pesticide Standard Report

Pk#	ID-tm	Peak Width	Area	Code	PPB	Name
41	20.93	20.96	.077472	21832 VV	.0086	Endrin
42	21.13		.079088	134749 VV	0.0000	
43	21.43		.067422	30073 VV	0.0000	
44	21.51		.077031	45086 VV	0.0000	
45	21.65	21.74	.083091	61424 VV	.0475	Chlorobenzilate
46	21.98		.074633	20446 VV	0.0000	
47	22.16		.104097	143419 VV	0.0000	
48	22.25	22.21	.074423	80186 VV	.0327	4,4'-DDD
49	22.38	22.39	.082752	44585 VB	.0157	Endosulfan II
50	22.83		.106257	15042 BV	0.0000	
51	23.17		.081025	82004 VV	0.0000	
52	23.33		.081912	42257 VV	0.0000	
53	23.47		.082994	21471 VV	0.0000	
54	23.87		.093326	19759 PV	0.0000	
55	24.12		.098617	164031 VB	0.0000	
56	25.19		.091236	32899 PV	0.0000	
57	25.42		.126750	114233 VB	0.0000	
58	26.69		.100419	16164 BV	0.0000	
59	26.95		.098880	8235 VB	0.0000	
60	27.56		.092144	36405 BB	0.0000	
61	28.42		.093876	14077 BB	0.0000	
62	28.88	#28.93	.089374	400091 BB	.1214	Decachlorobiphenyl

Total Area : 3738771 Total PPB : .387

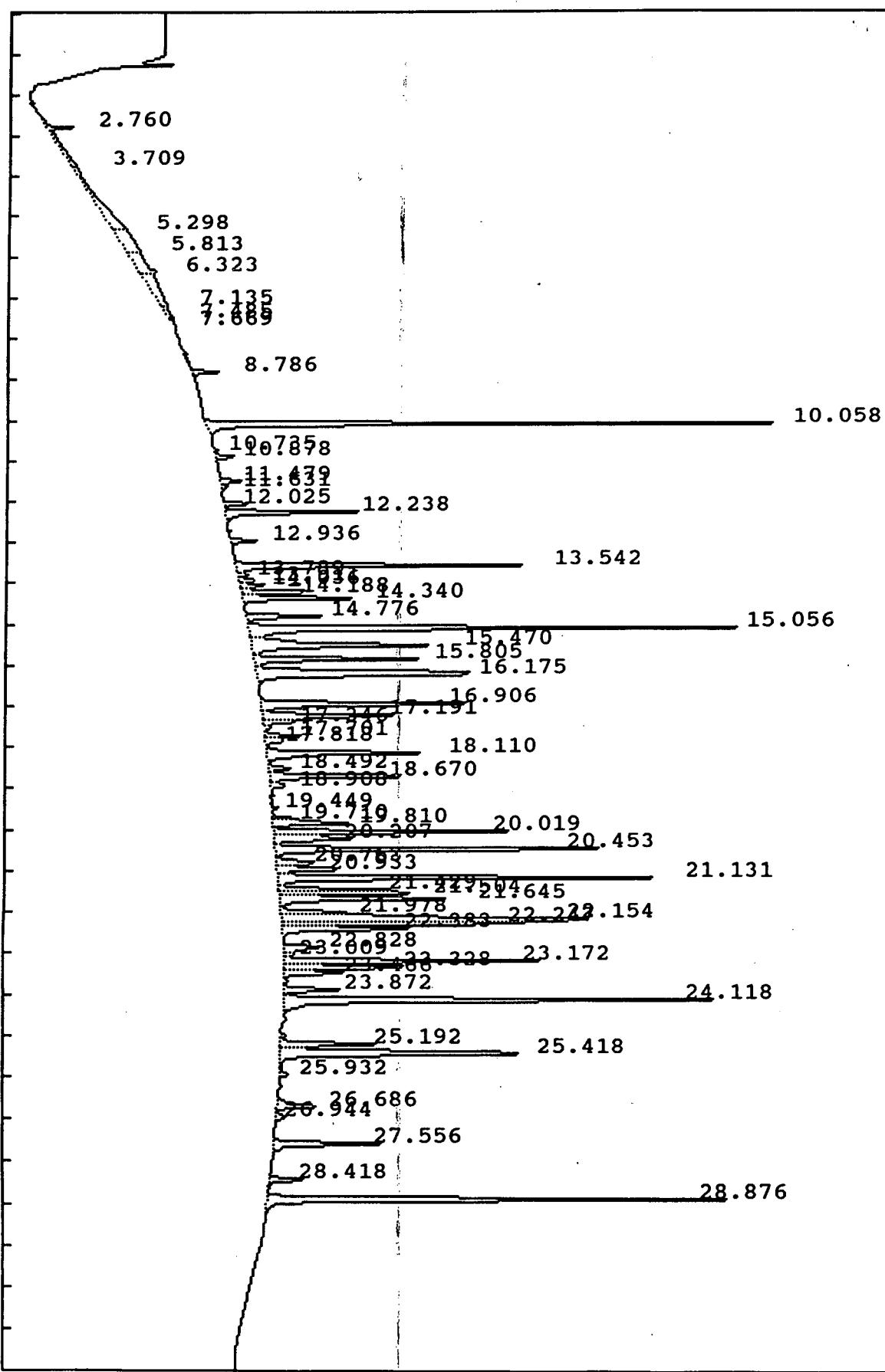
Report Time : 0301 29Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524015.RES

0255

IEA Pesticide Standard Report

Sample Name : AR16603 0.2ng
Result File : /DATA/LOOP/RESULT/A4524016.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0313 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR16603 0.2ng Report No : 16.00
 Result File : /DATA/LOOP/RESULT/A4524016.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0313 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 16 Bottle no. : 16

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.070309	24501	PV	0.0000	
2	3.71		.548680	40827	VV	0.0000	
3	5.30		.723786	112226	VV	0.0000	
4	5.81		.512718	75091	VV	0.0000	
5	6.32		.383903	69938	VV	0.0000	
6	7.13		.923896	72633	VV	0.0000	
7	7.48		.340297	15657	VV	0.0000	
8	7.67		.115149	3449	VB	0.0000	
9	8.79		.063123	19122	PV	0.0000	
10	10.06	10.10	.067788	437846	BB	.1218	Tetrachloro-m-xylene
11	10.73		.067529	3291	BV	0.0000	
12	10.88		.071318	14853	VB	0.0000	
13	11.48		.085841	18943	BV	0.0000	
14	11.63		.074075	4826	VB	0.0000	
15	12.02		.069484	20905	BV	0.0000	
16	12.24		.078666	112655	PB	0.0000	
17	12.94		.068899	19463	BB	0.0000	
18	13.54		.075901	242871	BV	0.0000	
19	13.79		.085064	9191	VV	0.0000	
20	13.91		.070559	14106	VV	0.0000	
21	14.04		.075345	21078	VV	0.0000	
22	14.19		.072446	61192	VV	0.0000	
23	14.34		.077637	97721	VB	0.0000	
24	14.78		.083773	66399	BV	0.0000	
25	15.06		.085862	444346	VV	0.0000	
26	15.47		.108498	223483	VV	0.0000	
27	15.81		.079881	145700	VV	0.0000	
28	16.17		.159298	342334	VB	0.0000	
29	16.91		.100118	211956	BV	0.0000	
30	17.19		.092592	132028	VV	0.0000	
31	17.35		.084889	31482	VV	0.0000	
32	17.70		.079397	30274	VV	0.0000	
33	17.82		.088127	19554	VV	0.0000	
34	18.11		.092276	160834	VV	0.0000	
35	18.49		.078018	19066	VV	0.0000	
36	18.67		.080644	132739	VV	0.0000	
37	18.91		.102976	17508	VB	0.0000	
38	19.45	19.39	.066734	4255	BB	.0012	gamma-Chlordane
39	19.71		.064287	18111	BV	0.0000	
40	19.81	19.85	.076183	66343	VV	.0211	4,4'-DDE

0257

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
41	20.02		.074524		188137	VV	0.0000	
42	20.21		.118185		95416	VV	0.0000	
43	20.45		.078748		299376	VV	0.0000	
44	20.76		.129420		47715	VV	0.0000	
45	20.93	20.96	.078242		58210	VV	.0229	Endrin
46	21.13		.078637		335896	VV	0.0000	
47	21.43		.067980		77750	VV	0.0000	
48	21.50		.076396		114299	VV	0.0000	
49	21.65	21.74	.082730		161378	VV	.1249	Chlorobenzilate
50	21.98		.068887		48293	VV	0.0000	
51	22.15		.104274		377454	VV	0.0000	
52	22.25	22.21	.075090		207838	VV	.0847	4,4'-DDD
53	22.38	22.39	.083634		121494	VB	.0427	Endosulfan II
54	22.83		.109355		43110	BV	0.0000	
55	23.01		.074063		9386	VV	0.0000	
56	23.17		.081812		217336	VV	0.0000	
57	23.33		.082173		112800	VV	0.0000	
58	23.47		.083544		53895	VV	0.0000	
59	23.87		.092773		54379	PV	0.0000	
60	24.12		.098896		438919	VV	0.0000	
61	25.19		.090648		88906	VV	0.0000	
62	25.42		.128233		320116	VV	0.0000	
63	25.93		.096845		8722	VB	0.0000	
64	26.69		.102649		47040	BV	0.0000	
65	26.94		.097442		10019	VB	0.0000	
66	27.56		.093967		102773	BB	0.0000	
67	28.42	-	.090687		33124	BB	0.0000	
68	28.88	#28.93	.091113		426000	BB	.1292	Decachlorobiphenyl

Total Area : 7678580 Total PPB : .548

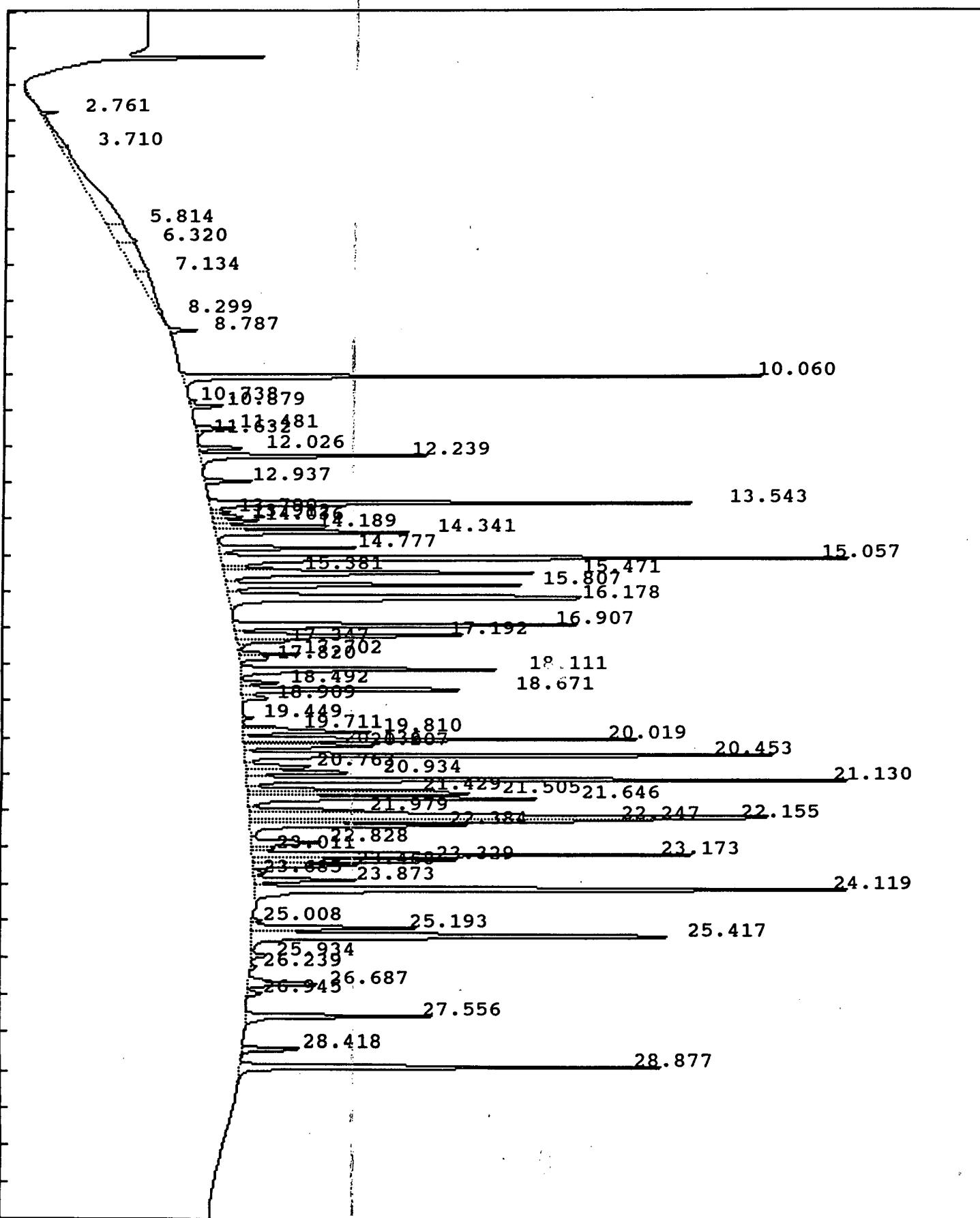
Report Time : 0347 29Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524016.RES

0258

IEA Pesticide Standard Report

Sample Name : AR16604 0.4ng
Result File : /DATA/LOOP/RESULT/A4524017.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0359 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR16604 0.4ng Report No : 17.00
 Result File : /DATA/LOOP/RESULT/A4524017.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0359 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 17 Bottle no. : 17

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.048998	12778	BV	0.0000	
2	3.71		.499523	45431	VV	0.0000	
3	5.81		1.294209	266249	VV	0.0000	
4	6.32		.429659	104096	VV	0.0000	
5	7.13		.798015	130183	VV	0.0000	
6	8.30		2.011512	101330	VV	0.0000	
7	8.79		.090558	32047	VV	0.0000	
8	10.06	10.10	.067172	495168	BB	.1378	Tetrachloro-m-xylene
9	10.74		.066996	6592	BV	0.0000	
10	10.88		.073709	30965	VB	0.0000	
11	11.48		-.084516	38446	BV	0.0000	
12	11.63		.078022	6290	VB	0.0000	
13	12.03		.072159	45230	BV	0.0000	
14	12.24		.081431	227144	VB	0.0000	
15	12.94		.070907	40109	BB	0.0000	
16	13.54		.075471	456441	BV	0.0000	
17	13.79		.086163	19097	VV	0.0000	
18	13.91		.071670	30419	VV	0.0000	
19	14.04		.077604	44560	VV	0.0000	
20	14.19		.071876	125323	VV	0.0000	
21	14.34		.078974	196181	VV	0.0000	
22	14.78		.086942	138680	VV	0.0000	
23	15.06		.086863	854533	VV	0.0000	
24	15.38	15.37	.067152	57966	VV	.0149	Heptachlor
25	15.47		.094608	380565	VV	0.0000	
26	15.81		.079677	291076	VV	0.0000	
27	16.18		.162410	650186	VB	0.0000	
28	16.91		.099449	400428	BV	0.0000	
29	17.19		.092192	257547	VV	0.0000	
30	17.35		.082574	57175	VV	0.0000	
31	17.70		.074512	54385	VV	0.0000	
32	17.82		.080220	33181	VB	0.0000	
33	18.11		.090258	290287	BV	0.0000	
34	18.49		.073646	34192	VV	0.0000	
35	18.67		.079688	245712	VV	0.0000	
36	18.91		.097262	32170	VB	0.0000	
37	19.45	19.39	.075067	9938	BB	.0027	gamma-Chlordan
38	19.71		.064162	36807	BV	0.0000	
39	19.81	19.85	.076944	126059	VV	.0400	4,4'-DDE
40	20.02		.074695	355512	VV	0.0000	

0260

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	20.14		.055078	55610	VV	0.0000	
42	20.21		.083674	127354	VV	0.0000	
43	20.45		.077827	545343	VV	0.0000	
44	20.76		.130419	95223	VV	0.0000	
45	20.93	20.96	.078708	113897	VV	.0448	Endrin
46	21.13		.078500	616503	VV	0.0000	
47	21.43		.068892	148432	VV	0.0000	
48	21.50		.076388	221757	VV	0.0000	
49	21.65	21.74	.084156	322438	VV	.2496	Chlorobenzilate
50	21.98		.069913	95943	VV	0.0000	
51	22.15		.104882	737370	VV	0.0000	
52	22.25	22.21	.073286	383398	VV	.1562	4,4'-DDD
53	22.38	22.39	.087443	247416	VV	.0869	Endosulfan II
54	22.83		.115526	96835	VV	0.0000	
55	23.01		.078152	22370	VV	0.0000	
56	23.17		.082887	423692	VV	0.0000	
57	23.33		.083445	221154	VV	0.0000	
58	23.47		.085991	110691	VV	0.0000	
59	23.68	23.70	.089389	12231	VV	.0080	Endrin aldehyde
60	23.87		.095498	111698	VV	0.0000	
61	24.12		.097242	846851	VV	0.0000	
62	25.01		.082339	9531	BV	0.0000	
63	25.19		.090761	173116	VV	0.0000	
64	25.42		.128696	627432	VV	0.0000	
65	25.93		.098322	18490	BV	0.0000	
66	26.24	26.29	.087043	6741	BB	.0027	Endrin ketone
67	26.69	-	.103937	93624	BV	0.0000	
68	26.95		.097884	17283	BV	0.0000	
69	27.56		.094508	201977	BB	0.0000	
70	28.42		.089638	62833	BV	0.0000	
71	28.88	#28.93	.089418	435902	PB	.1322	Decachlorobiphenyl

Total Area : 13963614 Total PPB : .876

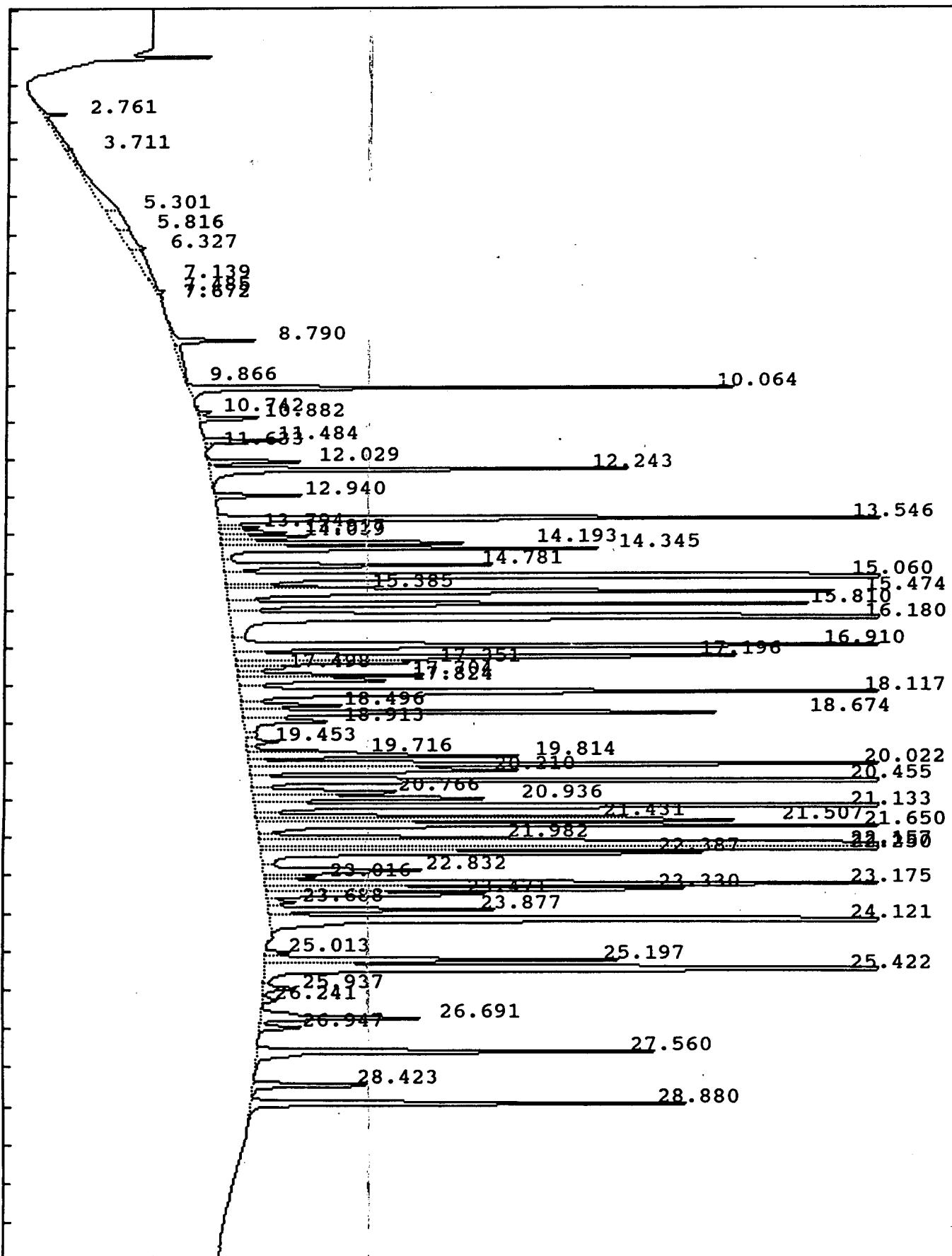
Report Time : 0433 29Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524017.RES

0261

IEA Pesticide Standard Report

Sample Name : AR16605 0.8ng
Result File : /DATA/LOOP/RESULT/A4524018.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0445 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR16605 0.8ng Report No : 18.00
 Result File : /DATA/LOOP/RESULT/A4524018.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0445 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 18 Bottle no. : 18

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.073689	25103	PV	0.0000	
2	3.71		.558021	44158	VV	0.0000	
3	5.30		.753881	122734	VV	0.0000	
4	5.82		.510891	76760	VV	0.0000	
5	6.33		.375649	74113	VV	0.0000	
6	7.14		.917342	73338	VV	0.0000	
7	7.49		.175355	21511	VV	0.0000	
8	7.67		.096004	4154	VB	0.0000	
9	8.79		.093233	90176	BV	0.0000	
10	9.87		1.458375	40868	VV	0.0000	
11	10.06	10.10	-.068650	455702	PB	.1268	Tetrachloro-m-xylene
12	10.74		.065623	12776	BV	0.0000	
13	10.88		.074864	58597	VB	0.0000	
14	11.48		.084805	75574	BV	0.0000	
15	11.63		.076006	6624	VB	0.0000	
16	12.03		.073376	88705	BV	0.0000	
17	12.24		.083014	420089	VB	0.0000	
18	12.94		.072252	73075	BB	0.0000	
19	13.55		.076414	789358	BV	0.0000	
20	13.79		.087725	39193	VV	0.0000	
21	13.92		.072503	61914	VV	0.0000	
22	14.04		.081063	88951	VV	0.0000	
23	14.19		.072757	243558	VV	0.0000	
24	14.34		.082951	371026	VV	0.0000	
25	14.78		.091592	278459	VV	0.0000	
26	15.06		.087188	1530925	VV	0.0000	
27	15.38	15.37	.068967	109696	VV	.0282	Heptachlor
28	15.47		.097709	711639	VV	0.0000	
29	15.81		.083411	561528	VV	0.0000	
30	16.18	16.26	.172285	1231007	VV	.3560	Aldrin
31	16.91		.106407	794767	VV	0.0000	
32	17.20		.093672	583502	VV	0.0000	
33	17.35		.088455	195419	VV	0.0000	
34	17.50	17.53	.103539	58408	VV	.0203	Isodrin
35	17.70		.084421	181885	VV	0.0000	
36	17.82		.096672	182565	VV	0.0000	
37	18.12		.110289	838483	VV	0.0000	
38	18.50		.089298	104526	VV	0.0000	
39	18.67		.083079	511803	VV	0.0000	
40	18.91		.138597	138764	VV	0.0000	

0263

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
41	19.45		19.39	.121214	45775	VV	.0126	gamma-Chlordane
42	19.72			.070249	90101	VV	0.0000	
43	19.81	19.85		.079827	258310	VV	.0820	4,4'-DDE
44	20.02			.075274	717568	VV	0.0000	
45	20.21			.125289	380554	VV	0.0000	
46	20.46			.078189	1057229	VV	0.0000	
47	20.77			.133011	207767	VV	0.0000	
48	20.94	20.96		.080738	238984	VV	.0939	Endrin
49	21.13			.078775	1206198	VV	0.0000	
50	21.43			.067499	283095	VV	0.0000	
51	21.51			.077830	451635	VV	0.0000	
52	21.65	21.74		.082789	663654	VV	.5137	Chlorobenzilate
53	21.98			.069883	198500	VV	0.0000	
54	22.16			.107892	1513182	VV	0.0000	
55	22.25	22.21		.073935	755632	VV	.3079	4,4'-DDD
56	22.39	22.39		.086328	506297	VV	.1778	Endosulfan II
57	22.83			.115562	210068	VV	0.0000	
58	23.02			.078483	48361	VV	0.0000	
59	23.18			.083989	864602	VV	0.0000	
60	23.33			.083882	450378	VV	0.0000	
61	23.47			.085786	232740	VV	0.0000	
62	23.69	23.70		.093628	29519	VV	.0194	Endrin aldehyde
63	23.88			.095933	241882	VV	0.0000	
64	24.12			.098186	1743175	VV	0.0000	
65	25.01			.088148	23573	BV	0.0000	
66	25.20			.092491	364040	VV	0.0000	
67	25.42	-		.127471	1322232	VV	0.0000	
68	25.94			.113506	42570	VV	0.0000	
69	26.24	26.29		.104560	18179	BV	.0074	Endrin ketone
70	26.69			.104339	201146	BV	0.0000	
71	26.95			.100139	45849	BV	0.0000	
72	27.56			.097162	434568	BB	0.0000	
73	28.42			.090110	130359	BV	0.0000	
74	28.88	#28.93		.089516	440217	PB	.1335	Decachlorobiphenyl

Total Area : 26789380 Total PPB : 1.880

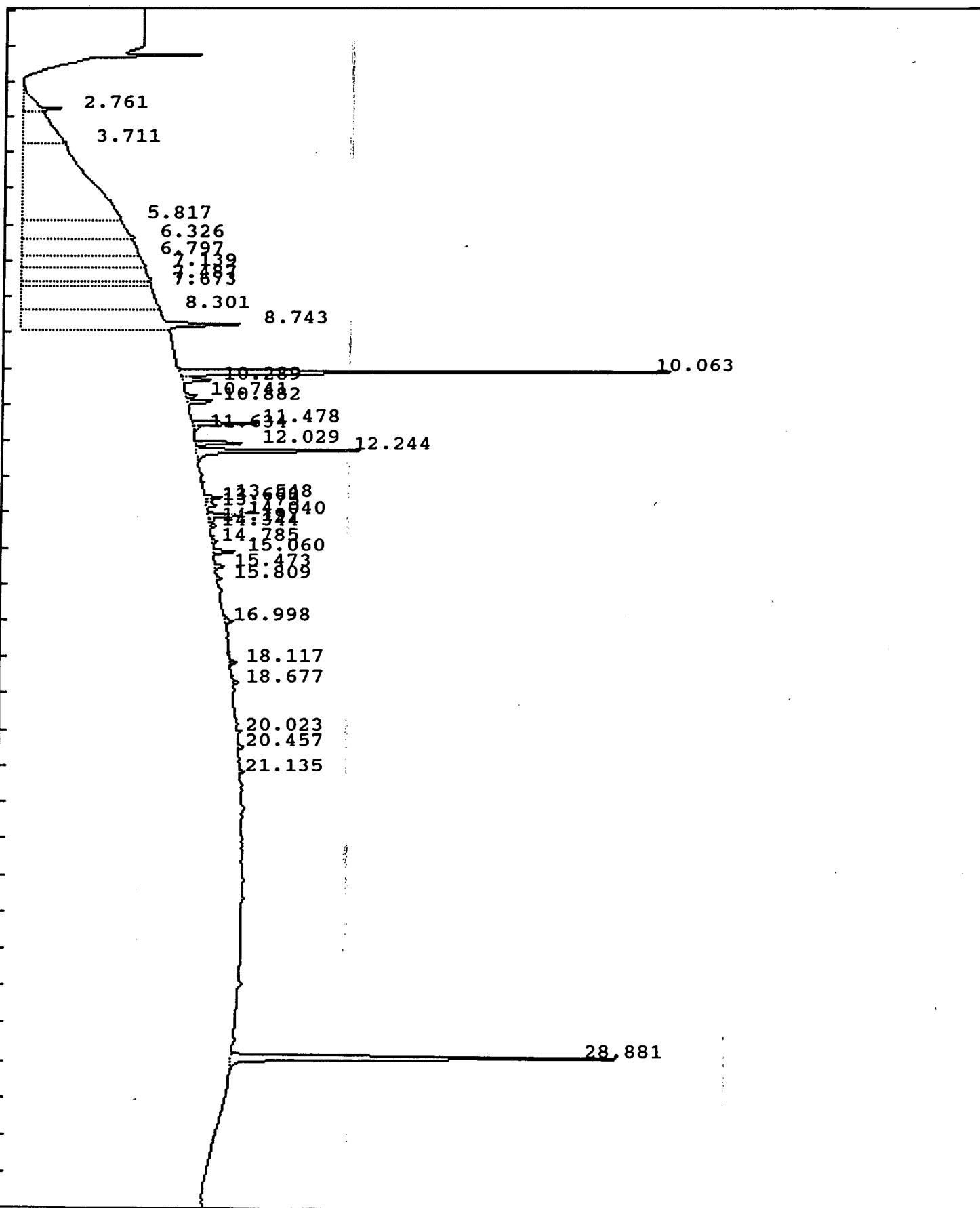
Report Time : 0519 29Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524018.RES

0264

IEA Pesticide Standard Report

Sample Name : AR12212 0.2ng
Result File : /DATA/LOOP/RESULT/A4524019.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0530 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



0265

IEA Pesticide Standard Report

Sample Name : AR12212 0.2ng Report No : 19.00
 Result File : /DATA/LOOP/RESULT/A4524019.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0530 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 19 Bottle no. : 19

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.184644	95482	BV	0.0000	
2	3.71		.652751	314322	VV	0.0000	
3	5.82		1.501053	1641424	VV	0.0000	
4	6.33		.507789	636435	VV	0.0000	
5	6.80		.419099	539686	VV	0.0000	
6	7.14		.336403	458495	VV	0.0000	
7	7.49		.353446	509749	VV	0.0000	
8	7.67		.165362	237465	VV	0.0000	
9	8.30		.611157	934122	VV	0.0000	
10	8.74		.417219	1026205	VV	0.0000	
11	10.06	10.10	-	415311	BV	.1155	Tetrachloro-m-xylene
12	10.29		.087405	31392	VB	0.0000	
13	10.74		.066925	10340	BV	0.0000	
14	10.88	2	.072938	24697	VB	0.0000	
15	11.48	3	.085428	65692	BV	0.0000	
16	11.63		.078407	6378	VB	0.0000	
17	12.03	4	.072036	46415	BV	0.0000	
18	12.24	5	.081464	172225	VB	0.0000	
19	13.55		.074514	16199	BV	0.0000	
20	13.66		.069936	7648	VV	0.0000	
21	13.77		.079195	10206	VV	0.0000	
22	14.04	7	.078006	34495	VV	0.0000	
23	14.20		.086029	6307	VV	0.0000	
24	14.34		.078540	6489	VB	0.0000	
25	14.79		.076834	4760	BB	0.0000	
26	15.06		.079020	20587	BB	0.0000	
27	15.47		.090075	10161	BB	0.0000	
28	15.81		.065966	4356	BB	0.0000	
29	17.00		.102983	10820	BV	0.0000	
30	18.12		.106825	8231	BB	0.0000	
31	18.68		.101415	6459	BB	0.0000	
32	20.02		.066062	3939	BB	0.0000	
33	20.46		.077950	6453	BB	0.0000	
34	21.13		.070555	4409	BB	0.0000	
35	28.88	#28.93	.090129	408409	BB	.1239	Decachlorobiphenyl

Total Area : 7735765 Total PPB : .239

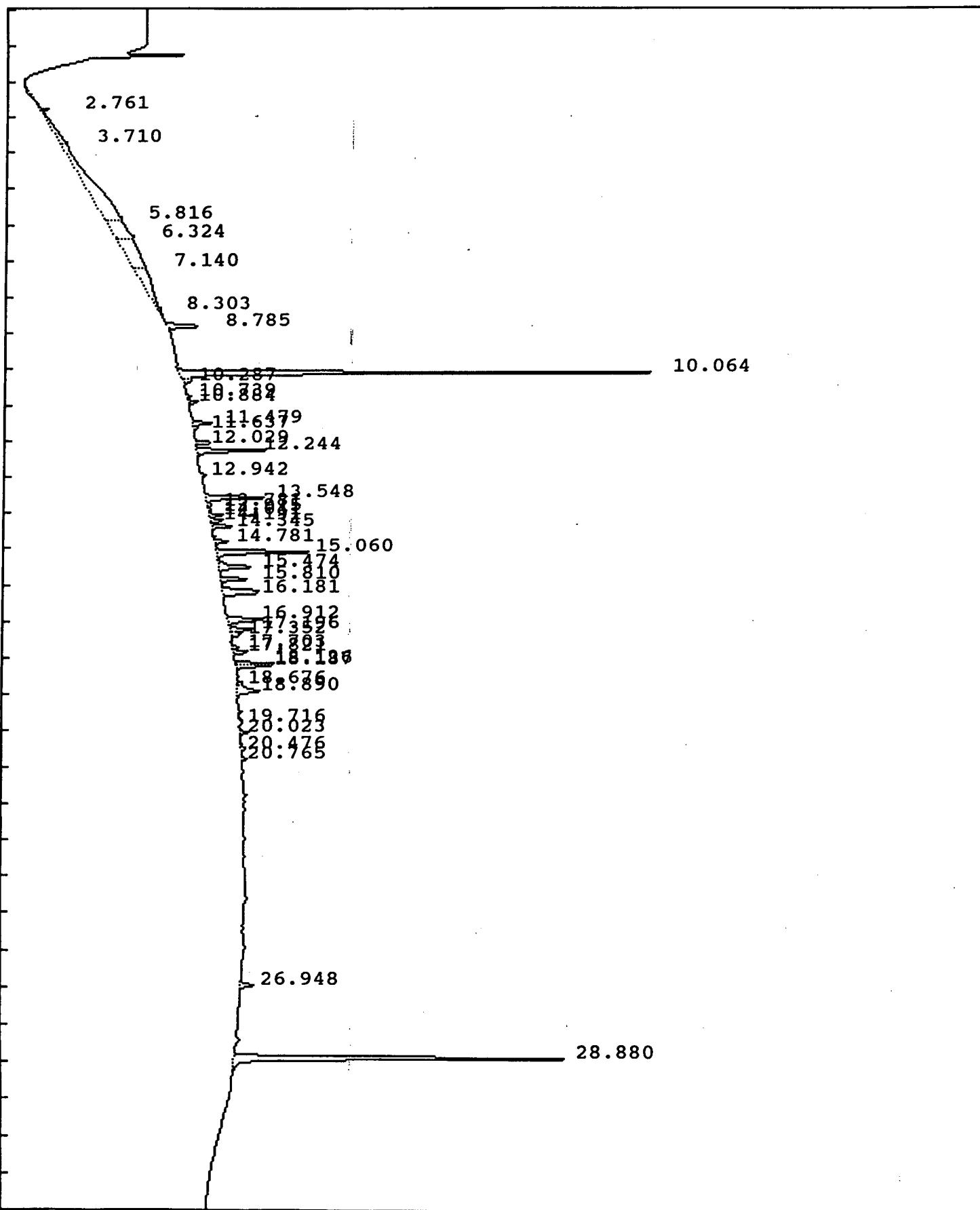
Report Time : 0604 29Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH

0266

IEA Pesticide Standard Report

Sample Name : AR12322 0.1ng
Result File : /DATA/LOOP/RESULT/A4524020.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0616 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12322 0.1ng Report No : 20.00
 Result File : /DATA/LOOP/RESULT/A4524020.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.02 Mins. Injected on 0616 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 20 Bottle no. : 20

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.048323	6897	BV	0.0000	
2	3.71		.476345	45525	VV	0.0000	
3	5.82		1.268219	261030	VV	0.0000	
4	6.32		.434208	99256	VV	0.0000	
5	7.14		.826427	128394	VV	0.0000	
6	8.30		1.894071	97391	VV	0.0000	
7	8.78		.108509	42105	VV	0.0000	
8	10.06	10.10	.067928	405264	BV	.1127	Tetrachloro-m-xylene
9	10.29		.097501	12463	VB	0.0000	
10	10.74		.069429	3624	BV	0.0000	
11	10.88		.070607	9154	VB	0.0000	
12	11.48		.087091	20990	BV	0.0000	
13	11.64		.075048	4611	VB	0.0000	
14	12.03		.069710	15691	BV	0.0000	
15	12.24	2	.077499	66696	PB	0.0000	
16	12.94		.064819	4401	BB	0.0000	
17	13.55	3	.080333	60610	BV	0.0000	
18	13.78		.087054	4287	VV	0.0000	
19	13.92		.066554	2655	VV	0.0000	
20	14.04		.073806	11925	VV	0.0000	
21	14.19		.071915	12045	VV	0.0000	
22	14.34		.075201	20436	VB	0.0000	
23	14.78		.079717	13539	BB	0.0000	
24	15.06	5	.084185	95853	BV	0.0000	
25	15.47		.100041	44481	VV	0.0000	
26	15.81	7	.073400	26683	VV	0.0000	
27	16.18	16.26	.150721	62548	PB	.0181	Aldrin
28	16.91		.108515	46694	BV	0.0000	
29	17.20		.087346	25260	VV	0.0000	
30	17.35		.075338	10349	VV	0.0000	
31	17.70		.071342	7175	BV	0.0000	
32	17.82		.074844	15019	VV	0.0000	
33	18.14		.068978	30481	PV	0.0000	
34	18.19		.071028	28766	VB	0.0000	
35	18.68		.071150	6001	BV	0.0000	
36	18.89		.130622	32696	VB	0.0000	
37	19.72		.005143	134	BV	0.0000	
38	20.02		.072610	7323	BB	0.0000	
39	20.48		.105927	6995	BB	0.0000	
40	20.76		.071380	4999	BB	0.0000	

0268

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	26.95		.093822	14495	BB	0.0000	
42	28.88	#28.93	.090846	364241	BB	.1105	Decachlorobiphenyl

Total Area : 2179183 Total PPB : .241

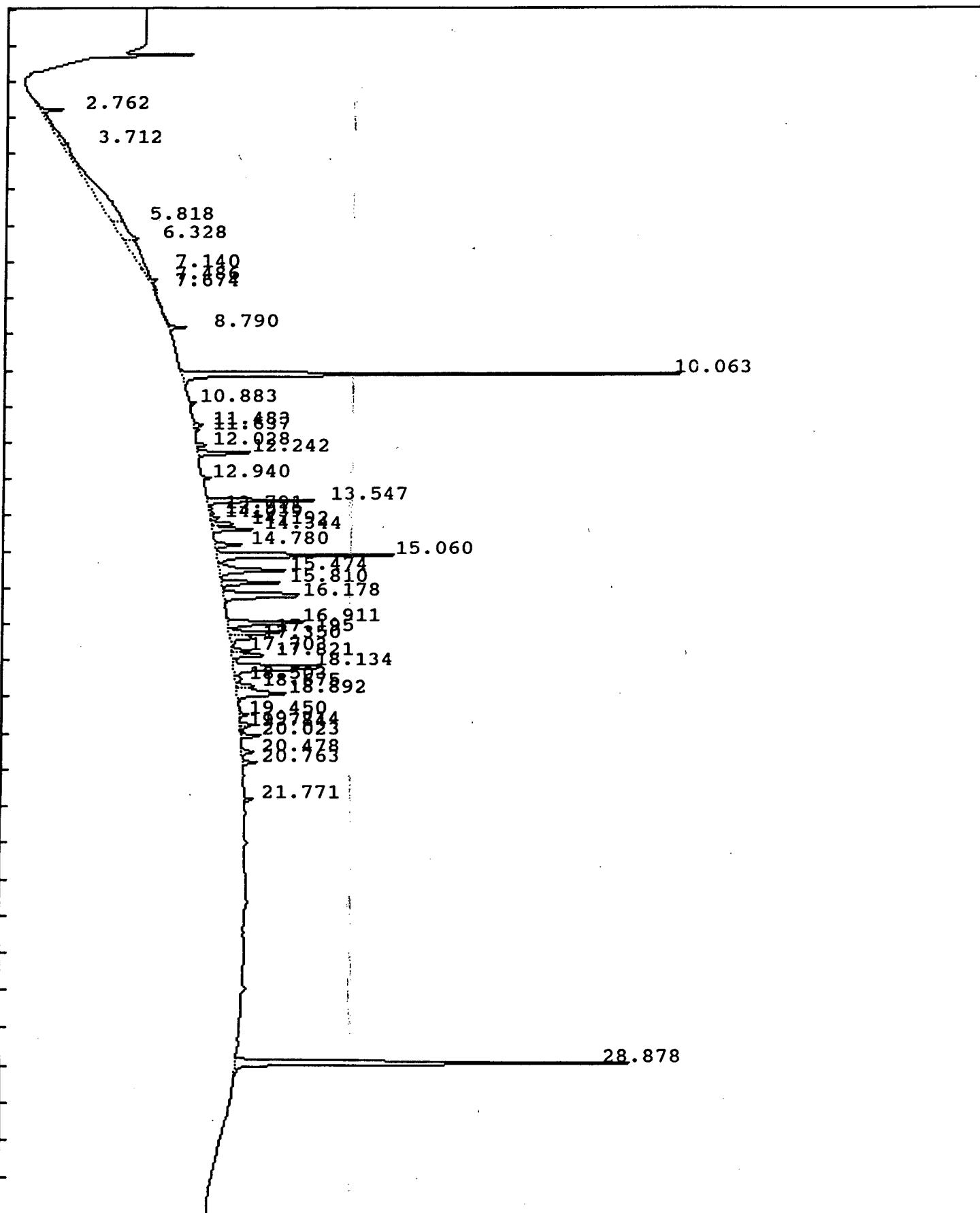
Report Time : 0659 29Apr1998
Method : /DATA/LOOP/METHOD/A4524.MTH
Result File : /DATA/LOOP/RESULT/A4524020.RES

0269

IEA Pesticide Standard Report

Sample Name : AR12422 0.1ng
Result File : /DATA/LOOP/RESULT/A4524021.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0702 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12422 0.1ng Report No : 21.00
 Result File : /DATA/LOOP/RESULT/A4524021.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0702 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 21 Bottle no. : 21

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.072646	24883	PV	0.0000	
2	3.71		.569796	42807	VV	0.0000	
3	5.82		1.318805	191936	VV	0.0000	
4	6.33		.388847	71789	VV	0.0000	
5	7.14		.934909	71979	VV	0.0000	
6	7.49		.180945	20436	VV	0.0000	
7	7.67		.096411	3413	VB	0.0000	
8	8.79		.032429	6986	BV	0.0000	
9	10.06	10.10	.067696	430132	BB	.1197	Tetrachloro-m-xylene
10	10.88		.068654	6524	VB	0.0000	
11	11.48		.090805	9680	BV	0.0000	
12	11.64		.071992	4412	VB	0.0000	
13	12.03		.071498	10135	BV	0.0000	
14	<u>12.24</u>	1	.076441	51132	PB	0.0000	
15	12.94		.066680	7365	BB	0.0000	
16	<u>13.55</u>	2	.075739	100640	BV	0.0000	
17	13.79		.086403	3430	VV	0.0000	
18	13.91		.067701	4905	VV	0.0000	
19	14.04		.071423	8638	VV	0.0000	
20	14.19		.070786	23295	VV	0.0000	
21	14.34		.075770	37800	VB	0.0000	
22	<u>14.78</u>	3	.083867	25538	BV	0.0000	
23	<u>15.06</u>	4	.086202	180353	VV	0.0000	
24	15.47		.106337	87825	VV	0.0000	
25	15.81		.078456	54966	VV	0.0000	
26	16.18		.158178	134593	VB	0.0000	
27	16.91		.108008	98706	BV	0.0000	
28	<u>17.20</u>	7	.090716	59558	VV	0.0000	
29	17.35		.087107	26238	VV	0.0000	
30	17.70		.082618	19805	VV	0.0000	
31	17.82		.085035	38239	VV	0.0000	
32	18.13		.148884	153431	VV	0.0000	
33	18.50		.119305	9871	VV	0.0000	
34	18.67		.079511	18625	VV	0.0000	
35	18.89		.142258	80849	VB	0.0000	
36	19.45	19.39	.073371	8821	BB	.0024	gamma-Chlordane
37	19.71		.070645	10447	BV	0.0000	
38	19.78	19.85	.067992	7165	VB	.0023	4,4'-DDE
39	20.02		.073076	18432	BB	0.0000	
40	20.48		.100435	14309	BV	0.0000	

0271

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	20.76		.073986	13349	PB	0.0000	
42	21.77	21.74	.075155	9330	BB	.0072	Chlorobenzilate
43	28.88	#28.93	.089821	412213	BB	.1250	Decachlorobiphenyl

Total Area : 2614979 Total PPB : .257

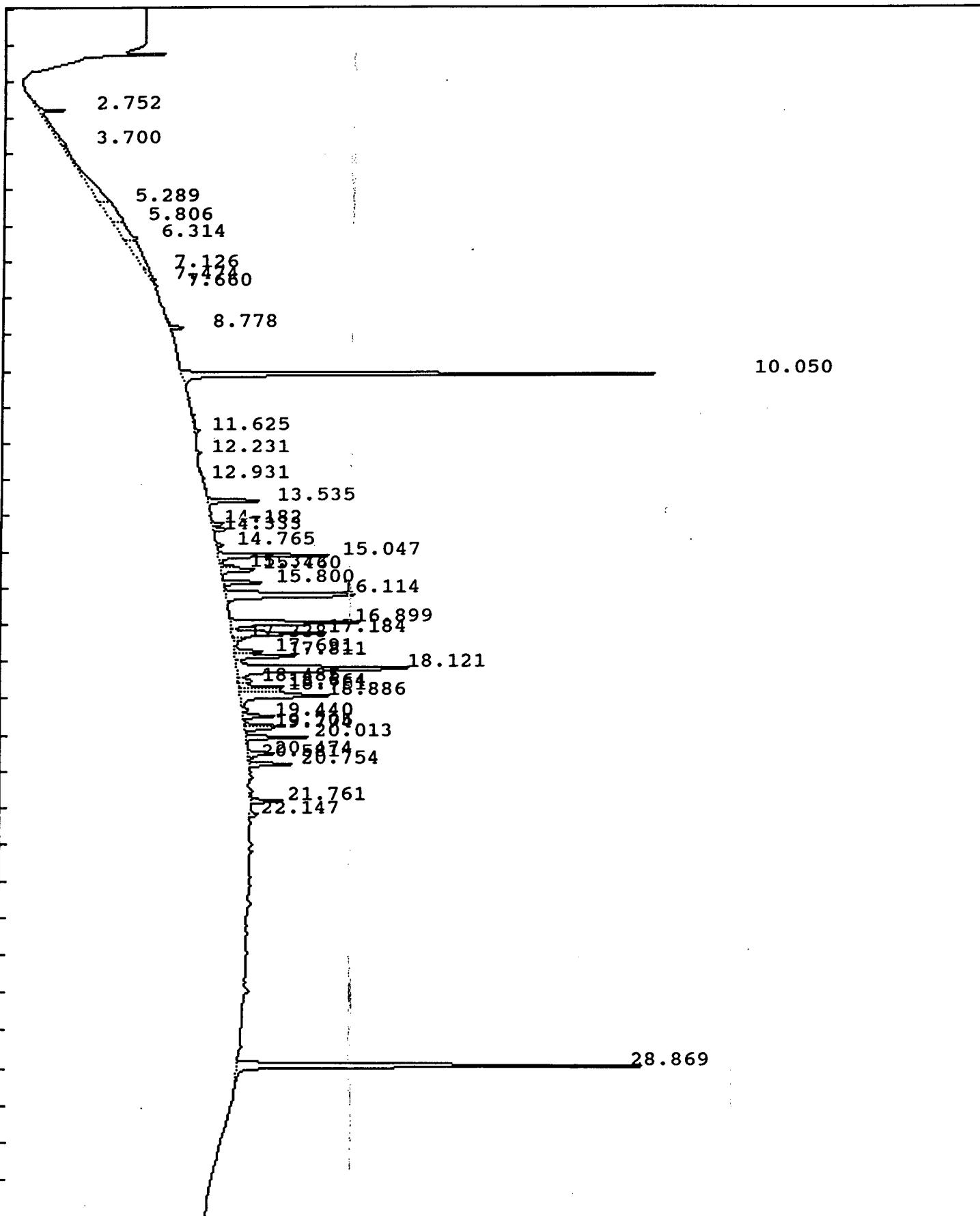
Report Time : 0736 29Apr1998
Method : /DATA/LOOP/METHOD/A4524.MTH
Result File : /DATA/LOOP/RESULT/A4524021.RES

0272

IEA Pesticide Standard Report

Sample Name : AR12482 0.1ng
Result File : /DATA/LOOP/RESULT/A4524022.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0857 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12482 0.1ng Report No : 22.00
 Result File : /DATA/LOOP/RESULT/A4524022.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0857 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 22 Bottle no. : 22

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
1	2.75		.067101		26178	PV	0.0000	
2	3.70		.519669		38271	VV	0.0000	
3	5.29		.689861		104220	VV	0.0000	
4	5.81		.504405		73064	VV	0.0000	
5	6.31		.378377		68964	VV	0.0000	
6	7.13		.911002		73583	VV	0.0000	
7	7.47		.286838		17023	VV	0.0000	
8	7.66		.111407		3682	VB	0.0000	
9	8.78		.059450		10548	PV	0.0000	
10	10.05		.067419		444884	BB	0.0000	
11	11.62		.101926		6207	BB	0.0000	
12	12.23		.065949		4343	BB	0.0000	
13	12.93		.055691		2199	BB	0.0000	
14	<u>13.54</u>		.077637		55076	BB	0.0000	
15	14.18		.069459		12016	BV	0.0000	
16	14.33		.070713		13436	VB	0.0000	
17	14.76		.071652		6545	BB	0.0000	
18	<u>15.05</u> 2		.084261		118795	BV	0.0000	
19	15.37	15.37	.065869		15182	VV	.0039	Heptachlor
20	15.46		.083821		39941	VB	0.0000	
21	15.80		.073186		38220	BV	0.0000	
22	<u>16.11</u> 4		.154627		222147	BV	0.0000	
23	<u>16.90</u> 5		.101471		150706	BV	0.0000	
24	<u>17.18</u> 6		.088298		98717	VV	0.0000	
25	17.34		.084332		13972	VV	0.0000	
26	17.69		.080898		29316	VV	0.0000	
27	17.81		.084892		67885	VV	0.0000	
28	18.12		.143650		281472	VV	0.0000	
29	18.48		.096444		16939	VV	0.0000	
30	18.66		.082098		49805	VV	0.0000	
31	18.75		.059228		27725	VV	0.0000	
32	18.89		.131610		133884	VV	0.0000	
33	19.44	19.39	.084553		31378	VV	.0086	gamma-Chlordane
34	19.70		.072063		29969	VV	0.0000	
35	19.77	19.85	.069842		21947	VV	.0070	4,4'-DDE
36	20.01		.076737		56602	VB	0.0000	
37	20.47		.087363		28170	BV	0.0000	
38	20.58		.063266		4557	VV	0.0000	
39	20.75		.076815		41630	PV	0.0000	
40	21.76	21.74	.074723		29347	PV	.0227	Chlorobenzilate

0274

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	22.15	22.21	.083512	8901 BB		.0036	4,4'-DDD
42	28.87	#28.93	.090295	423016 BB		.1283	Decachlorobiphenyl

Total Area : 2940460 Total PPB : .174

Report Time : 0931 29Apr1998

Method : /DATA/LOOP/METHOD/A4524.MTH

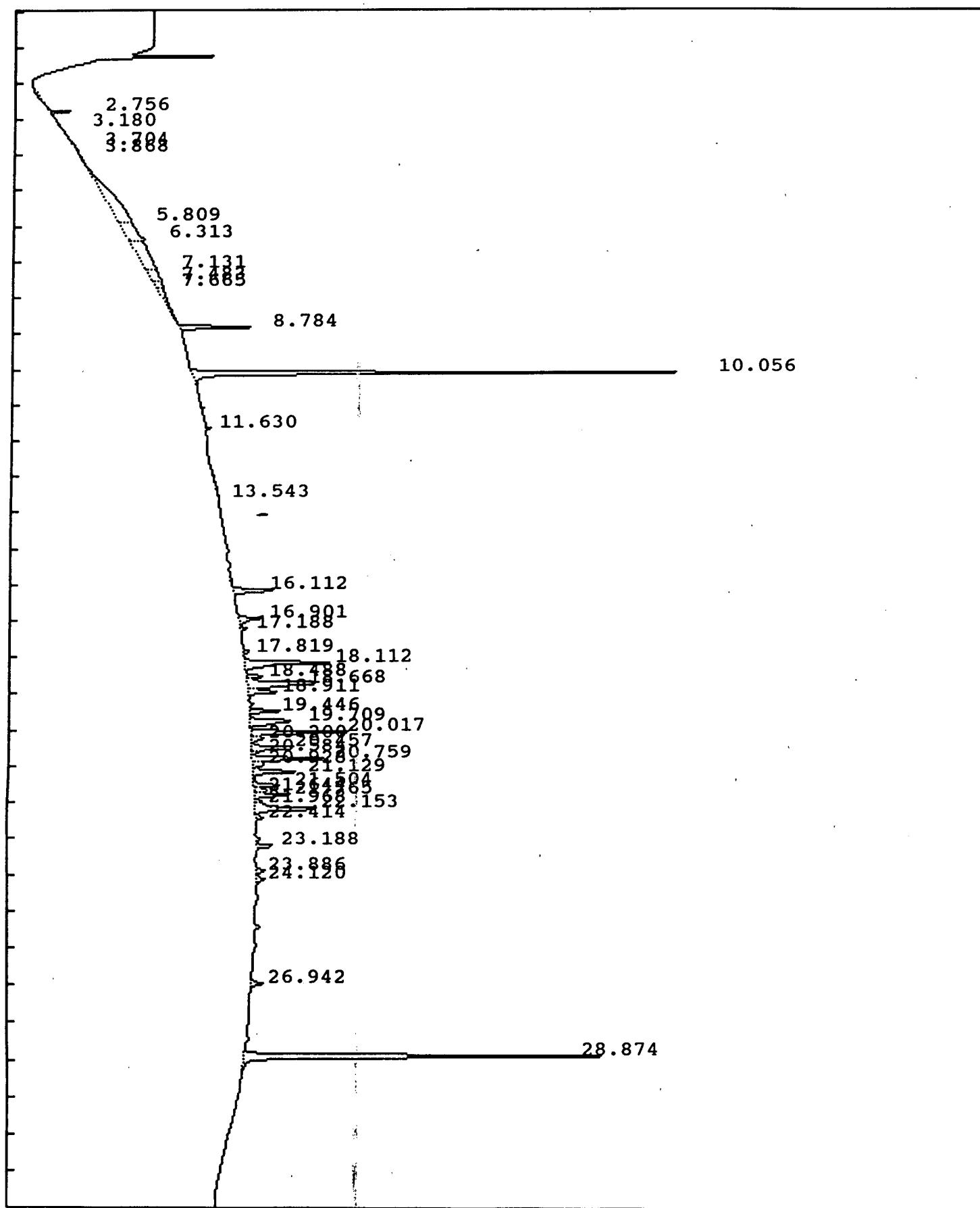
Result File : /DATA/LOOP/RESULT/A4524022.RES

0275

IEA Pesticide Standard Report

Sample Name : AR12541 0.05ng
Result File : /DATA/LOOP/RESULT/A4524023.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0947 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12541 0.05ng Report No : 23.00
 Result File : /DATA/LOOP/RESULT/A4524023.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0947 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 23 Bottle no. : 23

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.032108	10201	BV	0.0000	
2	3.18		.445919	4763	VV	0.0000	
3	3.70		.227950	7384	PV	0.0000	
4	3.87		.079779	1439	VB	0.0000	
5	5.81		.954746	156796	BV	0.0000	
6	6.31		.414058	81317	VV	0.0000	
7	7.13		.815207	110703	VV	0.0000	
8	7.48		.346563	38808	VV	0.0000	
9	7.66		.170461	15175	VV	0.0000	
10	8.78		.102517	94651	VV	0.0000	
11	10.06	10.10	- .067643	433039	BB	.1205	Tetrachloro-m-xylene
12	11.63		.106057	6110	BB	0.0000	
13	13.54		.443732	9124	BB	0.0000	
14	<u>16.11</u>		.090416	47251	BB	0.0000	
15	16.90		.101586	26925	BV	0.0000	
16	17.19		.076380	6191	VB	0.0000	
17	17.82		.081955	7476	VV	0.0000	
18	<u>18.11</u> X	Nu/24k/	.097924	104830	VV	0.0000	
19	18.49		.079275	16442	VV	0.0000	
20	<u>18.67</u> 3		.109746	107592	VV	0.0000	
21	18.91		.085000	32634	VB	0.0000	
22	<u>19.45</u> 4	19.39	.077727	27957	VV	.0077	gamma-Chlordane
23	<u>19.71</u> 5		.112716	62213	PV	0.0000	
24	20.02		.078493	92182	VV	0.0000	
25	20.20		.117273	16482	VV	0.0000	
26	20.46		.090391	51796	VV	0.0000	
27	20.58		.075691	7237	VV	0.0000	
28	<u>20.76</u> 7		.085237	72684	VV	0.0000	
29	20.93	20.96	.096362	14980	VV	.0059	Endrin
30	21.13		.084012	47354	VV	0.0000	
31	21.50		.081754	28557	VV	0.0000	
32	21.64		.074298	13507	VV	0.0000	
33	21.77	21.74	.081784	36145	VV	.0280	Chlorobenzilate
34	21.97		.079894	7458	VV	0.0000	
35	22.15	22.21	.100164	83612	VV	.0341	4,4'-DDD
36	22.41	22.39	.098273	8973	VB	.0032	Endosulfan II
37	23.19		.075483	17138	PV	0.0000	
38	23.89		.092104	10453	BV	0.0000	
39	24.12		.103036	10333	VB	0.0000	
40	26.94		.093231	12335	BB	0.0000	

0277

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	28.87	#28.93	.089702	375250	BB	.1138	Decachlorobiphenyl

Total Area : 2315498 Total PPB : .313

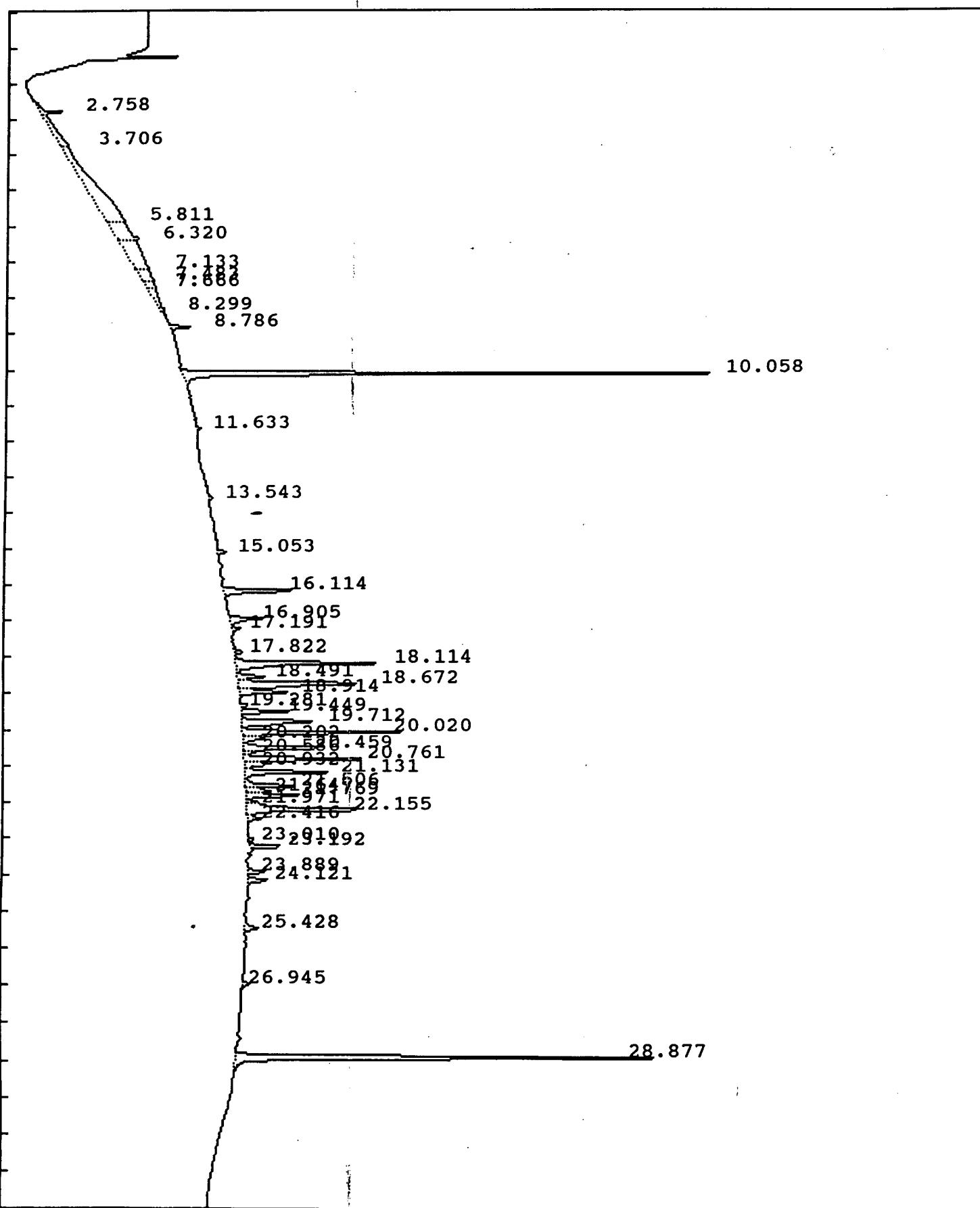
Report Time : 1021 29Apr1998
Method : /DATA/LOOP/METHOD/A4524.MTH
Result File : /DATA/LOOP/RESULT/A4524023.RES

0278

IEA Pesticide Standard Report

Sample Name : AR12542 0.1ng
Result File : /DATA/LOOP/RESULT/A4524024.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1033 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12542 0.1ng Report No : 24.00
 Result File : /DATA/LOOP/RESULT/A4524024.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1033 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1 / 24 Bottle no. : 24

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.086599	28350	PV	0.0000	
2	3.71		.560073	62541	VV	0.0000	
3	5.81		1.347817	293625	VV	0.0000	
4	6.32		.422248	106875	VV	0.0000	
5	7.13		.827765	137505	VV	0.0000	
6	7.48		.343065	48267	VV	0.0000	
7	7.67		.163447	19320	VV	0.0000	
8	8.30		.720651	40310	VV	0.0000	
9	8.79		.092884	24366	VV	0.0000	
10	10.06	10.10	.067684	460951	BB	.1282	Tetrachloro-m-xylene
11	11.63		.097424	6062	BB	0.0000	
12	13.54		.119653	6745	BB	0.0000	
13	15.05		.100991	9463	BB	0.0000	
14	16.11		.090690	79410	BB	0.0000	
15	16.90		.096191	39182	BV	0.0000	
16	17.19		.075468	7976	VV	0.0000	
17	17.82		.083074	9717	VV	0.0000	
18	18.11		.096321	166947	VV	0.0000	
19	18.49		.078541	27723	VV	0.0000	
20	18.67		.105232	171041	VV	0.0000	
21	18.91		.084782	51708	VB	0.0000	
22	19.28	19.23	.063312	5630	BV	.0019	Endosulfan I
23	19.45	19.39	.077561	43660	VV	.0120	gamma-Chlordane
24	19.71		.109519	101140	VV	0.0000	
25	20.02		.077948	152866	VV	0.0000	
26	20.20		.110828	27619	VV	0.0000	
27	20.46		.088325	89467	VV	0.0000	
28	20.59		.073168	10898	VV	0.0000	
29	20.76		.086315	119578	VV	0.0000	
30	20.93	20.96	.093097	25596	VV	.0101	Endrin
31	21.13		.082953	87864	VV	0.0000	
32	21.51		.080378	51534	VV	0.0000	
33	21.65		.074976	25145	VV	0.0000	
34	21.77	21.74	.081447	56338	VV	.0436	Chlorobenzilate
35	21.97		.077297	13097	VV	0.0000	
36	22.16	22.21	.101712	156828	VV	.0639	4,4'-DDD
37	22.42	22.39	.099008	17038	VB	.0060	Endosulfan II
38	23.01		.078416	6582	BV	0.0000	
39	23.19		.075922	33122	PV	0.0000	
40	23.89		.088334	18972	BV	0.0000	

0280

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	24.12		.099751	22077	VB	0.0000	
42	25.43		.102564	15649	BB	0.0000	
43	26.95		.092567	7546	BB	0.0000	
44	28.88	#28.93	.090148	437195	BB	.1326	Decachlorobiphenyl

Total Area : 3323520 Total PPB : .398

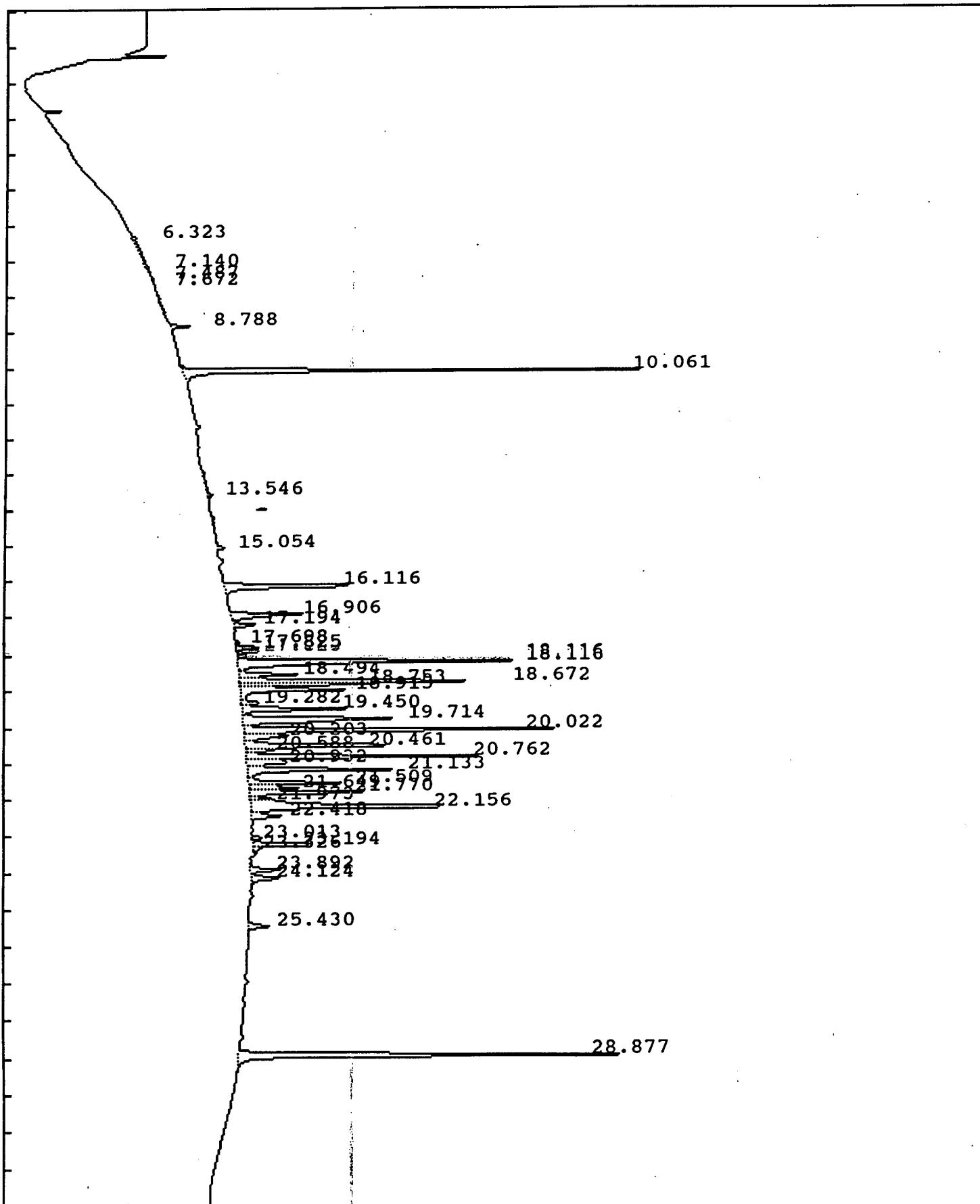
Report Time : 1119 29Apr1998
Method : /DATA/LOOP/METHOD/A4524.MTH
Result File : /DATA/LOOP/RESULT/A4524024.RES

0281

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng
Result File : /DATA/LOOP/RESULT/A4524025.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1119 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 25.00
 Result File : /DATA/LOOP/RESULT/A4524025.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1119 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 25 Bottle no. : 25

% Dil-Fact
100.00

Run Status : RunStatusOK

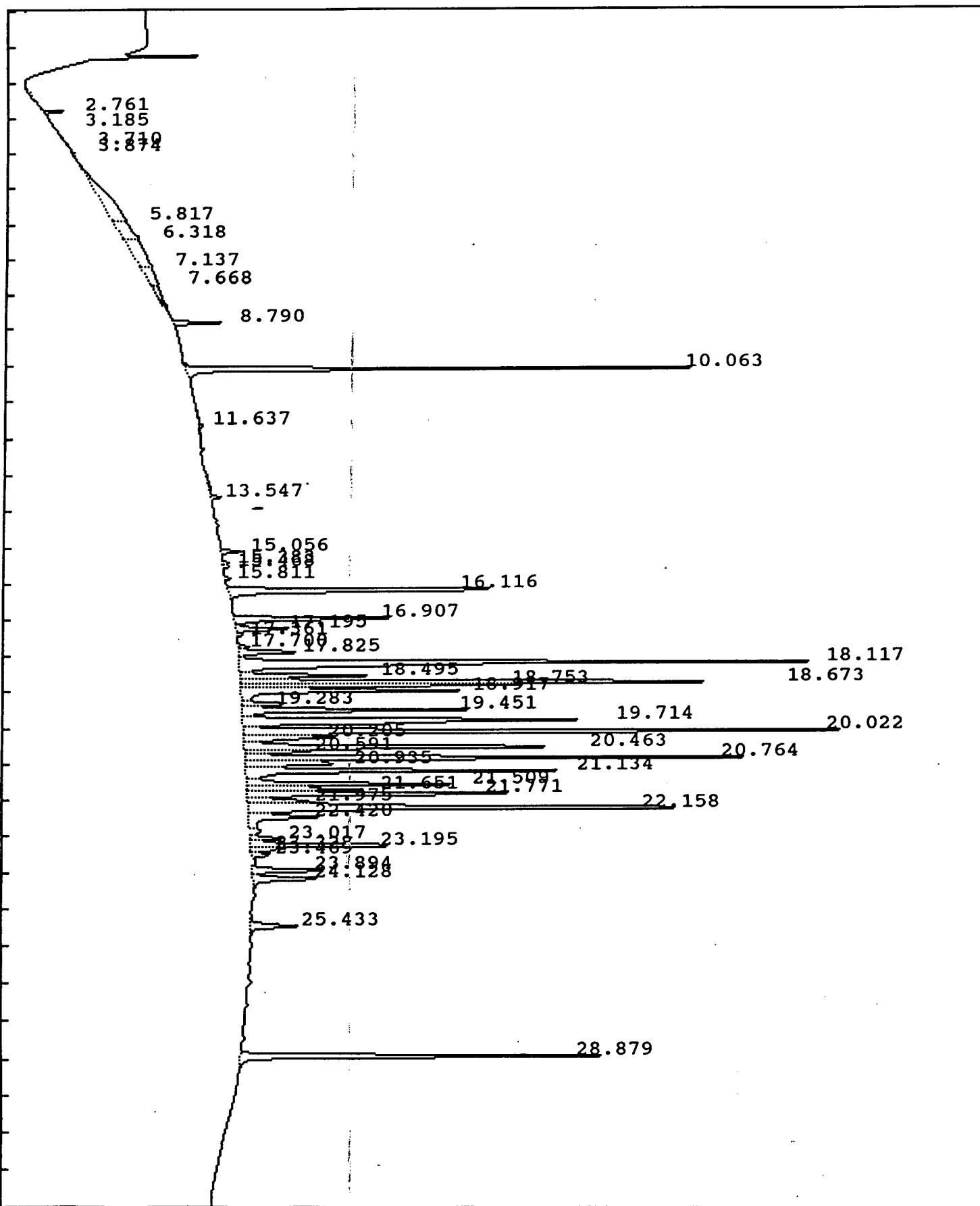
Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
1	6.32		.133968		9516	BV	0.0000	
2	7.14		.626588		22643	VV	0.0000	
3	7.49		.226358		6881	VV	0.0000	
4	7.67		.098139		1696	BV	0.0000	
5	8.79		.031881		7652	BV	0.0000	
6	10.06	10.10	.068490		399557	BB	.1112	Tetrachloro-m-xylene
7	13.55		.219370		12442	BB	0.0000	
8	15.05		.097879		9944	BB	0.0000	
9	<u>16.12</u>		.097624		163297	BB	0.0000	
10	16.91		.096621		84153	BV	0.0000	
11	17.19		.074384		20752	VV	0.0000	
12	17.70		.067204		3511	BV	0.0000	
13	17.82		.082255		25550	VB	0.0000	
14	<u>18.12</u>		.102095		338924	BV	0.0000	
15	18.49		.081503		58209	VV	0.0000	
16	<u>18.67</u> ³		.080172		241432	VV	0.0000	
17	18.75		.067737		101872	VV	0.0000	
18	18.92		.096394		124295	VV	0.0000	
19	19.28	19.23	.083448		19841	VV	.0066	Endosulfan I
20	<u>19.45</u> ⁴	19.39	.085202		105266	VV	.0289	gamma-Chlordane
21	<u>19.71</u> ⁵		.115956		219056	VV	0.0000	
22	20.02		.078852		305883	VV	0.0000	
23	20.20		.117947		58102	VV	0.0000	
24	20.46		.093644		172003	VV	0.0000	
25	20.59		.074865		26192	VV	0.0000	
26	<u>20.76</u> ⁷		.086432		236741	VV	0.0000	
27	20.93	20.96	.100397		52990	VV	.0208	Endrin
28	21.13		.086925		157668	VV	0.0000	
29	21.51		.082136		95335	VV	0.0000	
30	21.65		.074223		46474	VV	0.0000	
31	21.77	21.74	.080886		122241	VV	.0946	Chlorobenzilate
32	21.97		.077090		24190	VV	0.0000	
33	22.16	22.21	.101627		279625	VV	.1139	4,4'-DDD
34	22.42	22.39	.105891		35193	VB	.0124	Endosulfan II
35	23.01		.074725		10637	PV	0.0000	
36	23.19		.080371		64820	VV	0.0000	
37	23.33		.068779		6817	VV	0.0000	
38	23.89		.091388		35054	BV	0.0000	
39	24.12		.109639		37848	VB	0.0000	
40	25.43		.103090		24262	BB	0.0000	

0283

IEA Pesticide Standard Report

Sample Name : AR12544 0.4ng
Result File : /DATA/LOOP/RESULT/A4524026.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1214 29Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12544 0.4ng Report No : 26.00
 Result File : /DATA/LOOP/RESULT/A4524026.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1214 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 26 Bottle no. : 26

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.033170	10379	BV	0.0000	
2	3.18		.445085	4207	VV	0.0000	
3	3.71		.230832	7388	PV	0.0000	
4	3.87		.083956	1474	VB	0.0000	
5	5.82		.972802	162945	BV	0.0000	
6	6.32		.408820	82378	VV	0.0000	
7	7.14		.825775	119222	VV	0.0000	
8	7.67		.604301	55946	VV	0.0000	
9	8.79		.128981	78071	VV	0.0000	
10	10.06	10.10	.067508	434675	BB	.1209	Tetrachloro-m-xylene
11	11.64		.155027	9249	BB	0.0000	
12	13.55		.124802	15321	VB	0.0000	
13	15.06		.078746	17447	BB	0.0000	
14	15.38	15.37	.064985	5410	BV	.0014	Heptachlor
15	15.47		.080306	5924	VB	0.0000	
16	15.81		.067790	4711	BB	0.0000	
17	16.12		.097347	343186	BB	0.0000	
18	16.91		.085904	164082	BV	0.0000	
19	17.19		.079424	52556	VV	0.0000	
20	17.36		.081954	5584	VB	0.0000	
21	17.70		.080450	11588	BV	0.0000	
22	17.83		.093913	70258	VV	0.0000	
23	18.12		.103948	713426	VV	0.0000	
24	18.49		.082270	128392	VV	0.0000	
25	18.67		.080289	498164	VV	0.0000	
26	18.75		.069010	219835	VV	0.0000	
27	18.92		.093732	255902	VV	0.0000	
28	19.28	19.23	.084041	47590	VV	.0159	Endosulfan I
29	19.45	19.39	.087523	235451	VV	.0647	gamma-Chlordane
30	19.71		.114029	486940	VV	0.0000	
31	20.02		.078197	657702	VV	0.0000	
32	20.21		.116560	121138	VV	0.0000	
33	20.46		.093731	365671	VV	0.0000	
34	20.59		.074828	58463	VV	0.0000	
35	20.76		.086532	511135	VV	0.0000	
36	20.94	20.96	.101459	118476	VV	.0466	Endrin
37	21.13		.087352	340039	VV	0.0000	
38	21.51		.083473	215338	VV	0.0000	
39	21.65		.075446	109076	VV	0.0000	
40	21.77	21.74	.080882	285748	VV	.2212	Chlorobenzilate

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	21.97		.079781	59245	VV	0.0000	
42	22.16	22.21	.103294	627284	VV	.2556	4,4'-DDD
43	22.42	22.39	.133268	107135	VV	.0376	Endosulfan II
44	23.02		.092298	36970	VV	0.0000	
45	23.20		.085870	162942	VV	0.0000	
46	23.33		.084454	26519	VV	0.0000	
47	23.47		.103443	23112	VV	0.0000	
48	23.89		.093847	85278	VV	0.0000	
49	24.13		.115248	90878	VB	0.0000	
50	25.43		.104262	56748	PB	0.0000	
51	28.88	#28.93	.090179	380284	BB	.1154	Decachlorobiphenyl

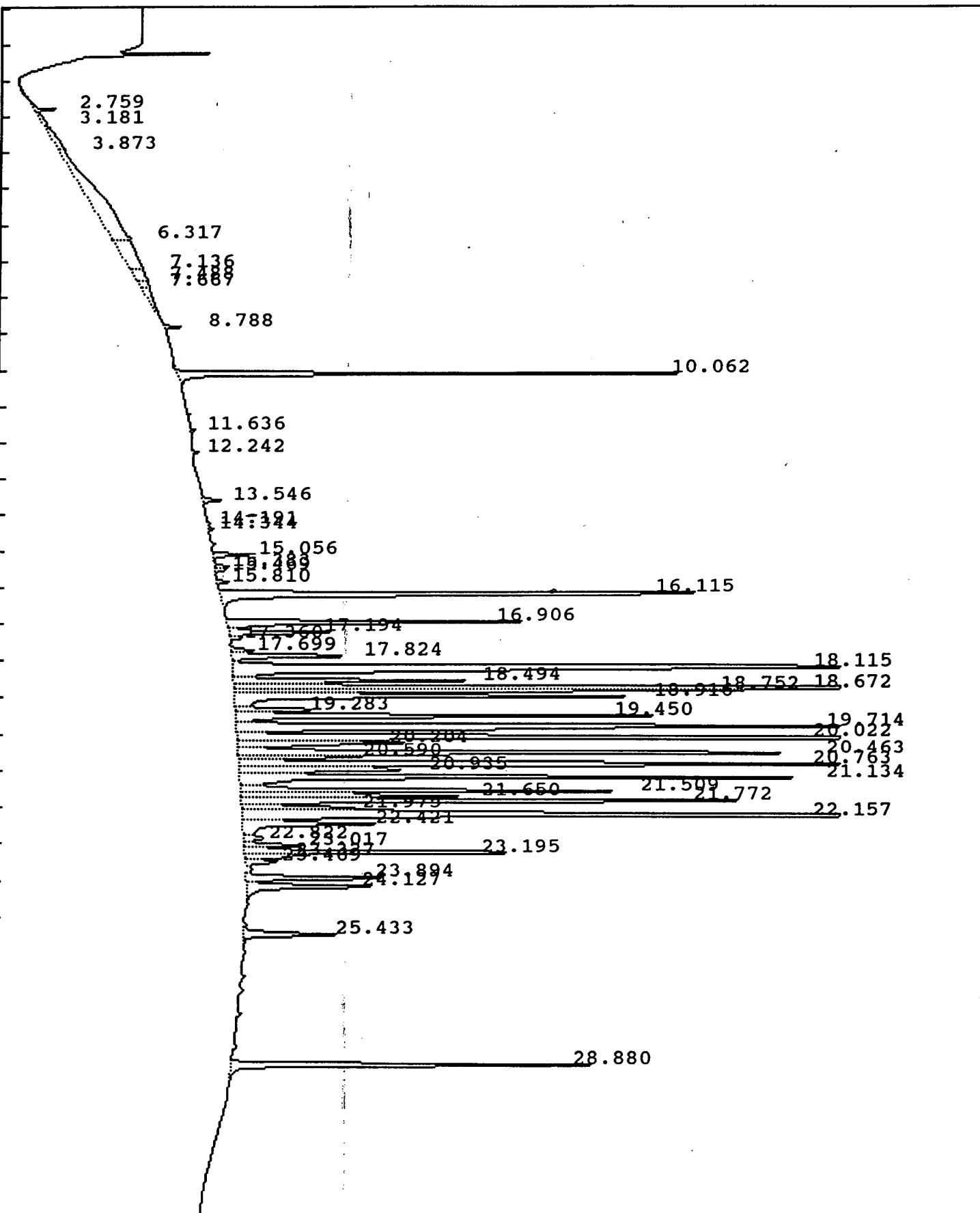
Total Area : 8686882 Total PPB : .879

Report Time : 1250 29Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524026.RES

IEA Pesticide Standard Report

Sample Name : AR12545 0.8ng
Result File : /DATA/LOOP/RESULT/A4524027.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1300 29Apr1998
INSTRUMENT: HP5890A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12545 0.8ng Report No : 27.00
 Result File : /DATA/LOOP/RESULT/A4524027.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1300 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1 / 27 Bottle no. : 27

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
1	2.76			.061315	191117	BV	0.0000	
2	3.18			.343236	16165	VV	0.0000	
3	3.87			.524961	46142	VV	0.0000	
4	6.32			1.573720	369013	VV	0.0000	
5	7.14			.836471	135376	VV	0.0000	
6	7.49			.350870	46233	VV	0.0000	
7	7.67			.178577	19121	VV	0.0000	
8	8.79			.275826	58337	VV	0.0000	
9	10.06	10.10		.068078	429898	BB	.1196	Tetrachloro-m-xylene
10	11.64			.101802	5918	BB	0.0000	
11	12.24		-	.066587	5305	BB	0.0000	
12	13.55			.085781	19768	BB	0.0000	
13	14.19			.045345	1768	BV	0.0000	
14	14.34			.066365	4622	PB	0.0000	
15	15.06			.080024	33997	BB	0.0000	
16	15.38	15.37		.068805	11454	BV	.0029	Heptachlor
17	15.47			.082820	12058	VB	0.0000	
18	15.81			.069755	9686	BB	0.0000	
19	16.12			.099793	620942	BB	0.0000	
20	16.91			.086139	303414	BV	0.0000	
21	17.19			.078773	101476	VV	0.0000	
22	17.36			.082779	11046	VB	0.0000	
23	17.70			.078887	22038	BV	0.0000	
24	17.82			.091255	129384	VV	0.0000	
25	18.12			.105927	1263163	VV	0.0000	
26	18.49			.081737	232955	VV	0.0000	
27	18.67			.079235	867224	VV	0.0000	
28	18.75			.071624	402102	VV	0.0000	
29	18.92			.093767	455131	VV	0.0000	
30	19.28	19.23		.083141	86113	VV	.0289	Endosulfan I
31	19.45	19.39		.085772	423263	VV	.1163	gamma-Chlordane
32	19.71			.113101	894054	VV	0.0000	
33	20.02			.077899	1180400	VV	0.0000	
34	20.20			.118092	224438	VV	0.0000	
35	20.46			.094728	652123	VV	0.0000	
36	20.59			.074850	107142	VV	0.0000	
37	20.76			.086487	910322	VV	0.0000	
38	20.93	20.96		.100656	211783	VV	.0832	Endrin
39	21.13			.087841	601376	VV	0.0000	
40	21.51			.083187	388510	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	21.65		.074703	202908	VV	0.0000	
42	21.77	21.74	.080783	537141	VV	.4158	Chlorobenzilate
43	21.97		.076977	106086	VV	0.0000	
44	22.16	22.21	.103541	1150864	VV	.4689	4,4'-DDD
45	22.42	22.39	.126549	191462	VV	.0672	Endosulfan II
46	22.82		.126908	29697	VV	0.0000	
47	23.02		.089017	62942	VV	0.0000	
48	23.20		.084698	305523	VV	0.0000	
49	23.33		.084147	48723	VV	0.0000	
50	23.47		.100457	40653	VV	0.0000	
51	23.89		.093510	160912	VV	0.0000	
52	24.13		.114682	171816	VV	0.0000	
53	25.43		.107977	111547	VB	0.0000	
54	28.88	#28.93	.091009	380414	BB	.1154	Decachlorobiphenyl

Total Area : 14833066 Total PPB : 1.418

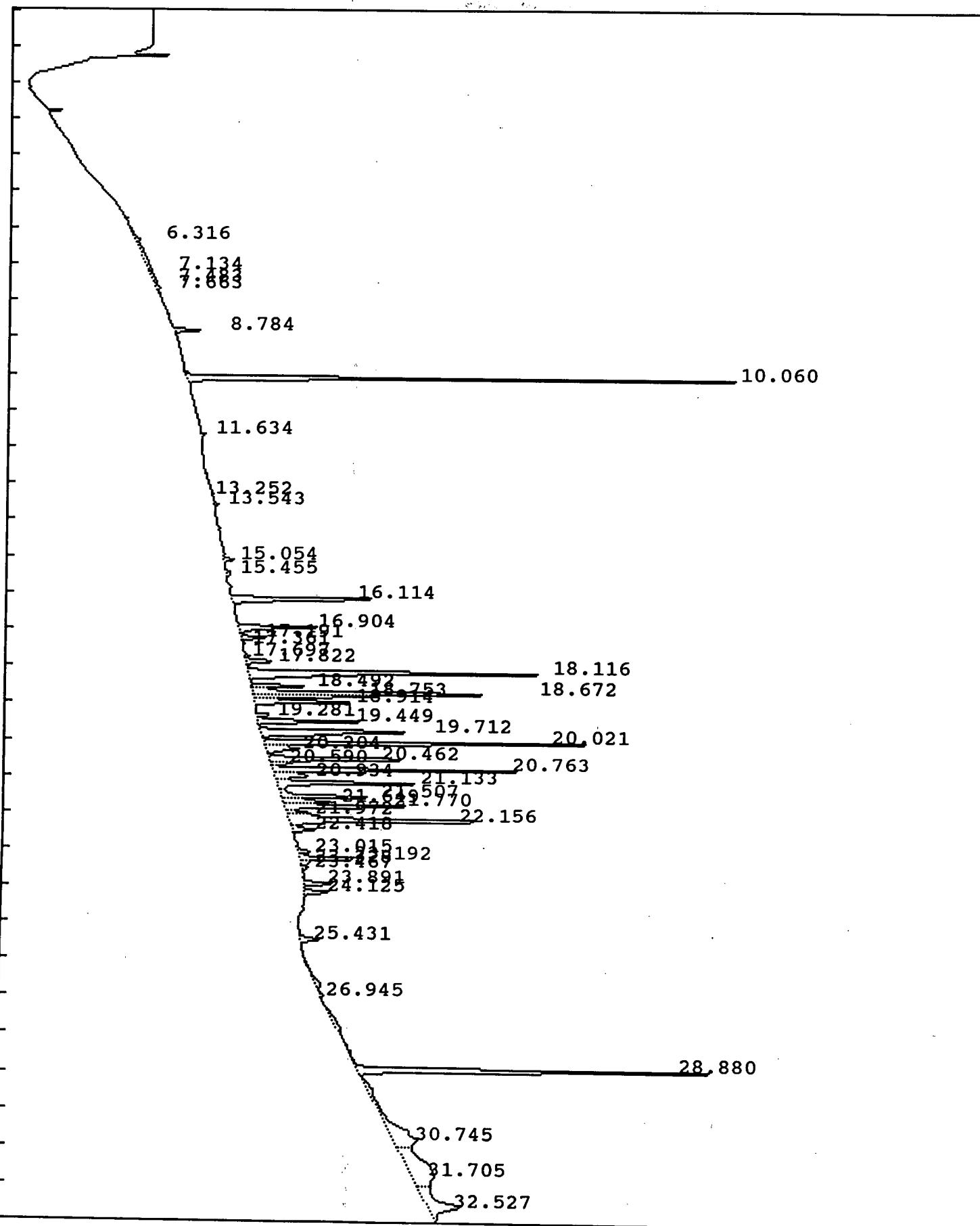
Report Time : 1337 29Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524027.RES

0289

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng
Result File : /DATA/LOOP/RESULT/A4524060.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1512 30Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 60.00
 Result File : /DATA/LOOP/RESULT/A4524060.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1512 30Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 60 Bottle no. : 60

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	6.32		.138818	12012	BV	0.0000	
2	7.13		.576503	30829	VV	0.0000	
3	7.48		.282826	12425	VV	0.0000	
4	7.66		.126332	4963	VV	0.0000	
5	8.78		.070103	23086	VV	0.0000	
6	10.06	10.06	.062826	440849	BB	.1226	Tetrachloro-m-xylene
7	11.63		.062396	3812	BB	0.0000	
8	13.25		.081079	850	BB	0.0000	
9	13.54		.070256	4009	BB	0.0000	
10	15.05		.079810	9534	VB	0.0000	
11	15.45		.143680	7615	BB	0.0000	
12	16.11		.089099	162442	BB	0.0000	
13	16.90		.083423	77812	BV	0.0000	
14	17.19		.075156	22743	VV	0.0000	
15	17.36		.079756	2256	VB	0.0000	
16	17.70		.071480	4105	BV	0.0000	
17	17.82	17.83	.078278	27699	VV	.0087	delta-BHC
18	18.12		.095196	331705	VV	0.0000	
19	18.49		.072703	48594	VV	0.0000	
20	18.61	2	.074950	236606	VV	0.0000	
21	18.75		.066226	94598	VV	0.0000	
22	18.91		.079906	97227	VB	0.0000	
23	19.28	19.35	.064358	12451	BV	.0034	gamma-Chlordane
24	19.45	19.51	.075053	91452	VV	.0260	alpha-Chlordane
25	19.71	5	.104100	198135	PV	0.0000	
26	20.02		.071373	284279	VV	0.0000	
27	20.20		.117862	44192	VV	0.0000	
28	20.46		.087465	152635	VV	0.0000	
29	20.59		.072273	20793	VV	0.0000	
30	20.76	Y	.078629	229357	VV	0.0000	
31	20.93	20.91	.093629	42300	VV	.0166	Endrin
32	21.13		.082297	142634	VV	0.0000	
33	21.51		.081792	89909	VV	0.0000	
34	21.65	21.68	.075156	44707	VV	.0346	Chlorobenzilate
35	21.77		.076395	123759	VV	0.0000	
36	21.97		.079712	23149	VV	0.0000	
37	22.16	22.16	.095500	256734	VV	.1046	4,4'-DDD
38	22.42	22.34	.091770	25507	VB	.0090	Endosulfan II
39	23.01		.087323	13183	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	23.19		.081155	62533	VV	0.0000	
41	23.33		.080572	8418	VV	0.0000	
42	23.47		.084228	6318	VB	0.0000	
43	23.89		.082544	29830	BV	0.0000	
44	24.13		.095155	27907	PB	0.0000	
45	25.43		.104284	21402	BB	0.0000	
46	26.94		.339308	17813	BV	0.0000	
47	28.88	#28.88	.094369	387898	PV	.1177	Decachlorobiphenyl
48	30.75		.673353	179556	VV	0.0000	
49	31.71		.858085	212692	VV	0.0000	
50	32.53		.385078	139111	VB	0.0000	

Total Area : 4544423 Total PPB : .443

Report Time : 1551 30Apr1998

Method : /DATA/LOOP/METHOD/A4524.MTH

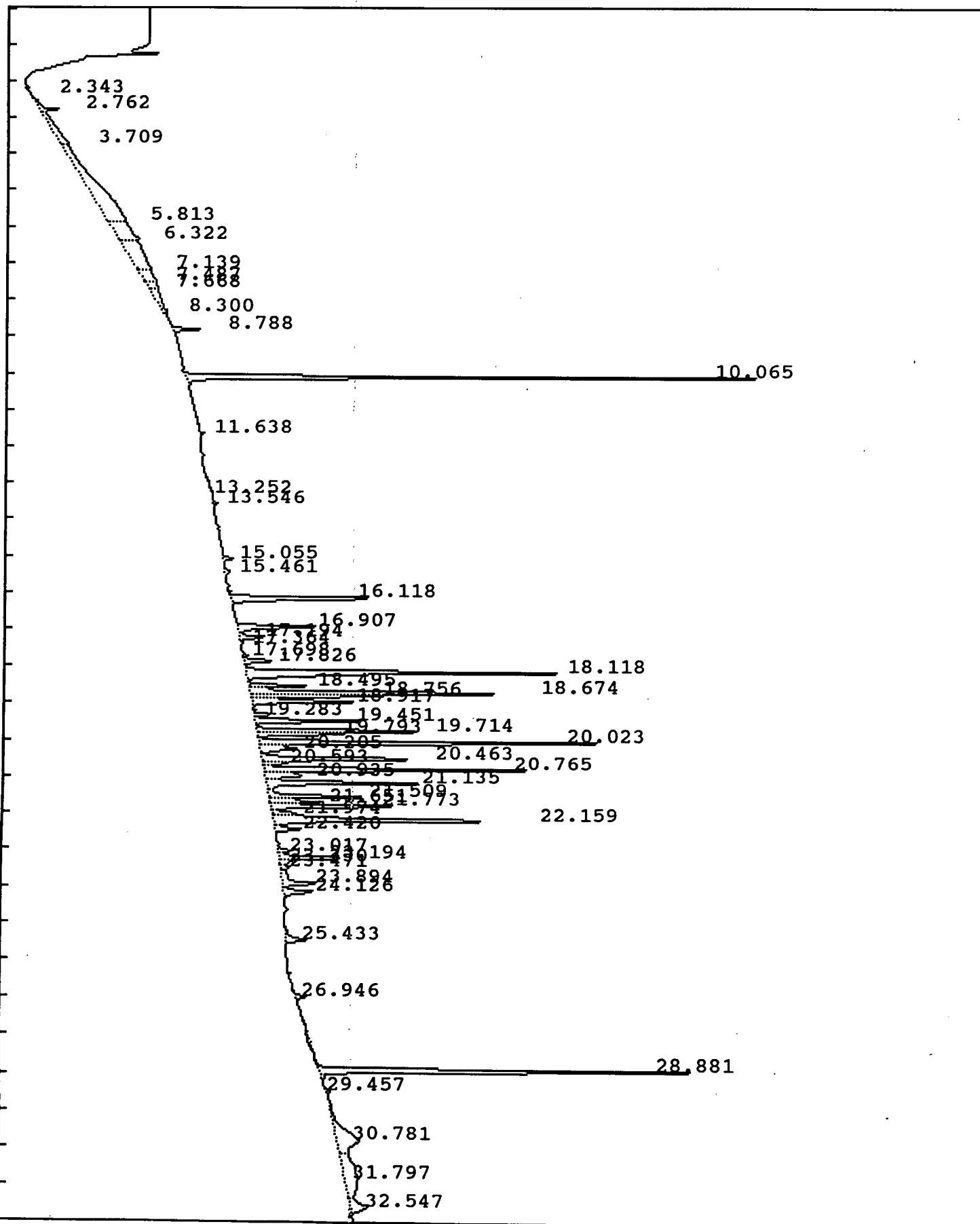
Result File : /DATA/LOOP/RESULT/A4524060.RES

0292

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng
Result File : /DATA/LOOP/RESULT/A4524078.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0531 01May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



0293

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 78.00
 Result File : /DATA/LOOP/RESULT/A4524078.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0531 01May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 78 Bottle no. : 78

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
1	2.34		.043525		1096	PV	0.0000	
2	2.76		.091186		25386	VV	0.0000	
3	3.71		.568717		61653	VV	0.0000	
4	5.81		1.372162		294582	VV	0.0000	
5	6.32		.417282		107142	VV	0.0000	
6	7.14		.831492		140188	VV	0.0000	
7	7.49		.328113		45633	VV	0.0000	
8	7.67		.174946		21066	VV	0.0000	
9	8.30		.779661		40261	VV	0.0000	
10	8.79		.085595		29265	VV	0.0000	
11	10.07	10.06	.062980		457096	BB	.1272	Tetrachloro-m-xylene
12	11.64		.163724		10540	BB	0.0000	
13	13.25		.101706		1506	BB	0.0000	
14	13.55		.073225		4336	BB	0.0000	
15	15.06		.080954		9931	VB	0.0000	
16	15.46		.144603		7217	BB	0.0000	
17	16.12 -1		.089909		169188	BB	0.0000	
18	16.91		.085268		81389	BV	0.0000	
19	17.19		.075167		23967	VV	0.0000	
20	17.36		.078499		2331	BV	0.0000	
21	17.70		.068565		4145	BV	0.0000	
22	17.83	17.83	.080718		29135	VV	.0091	delta-BHC
23	18.12		.094656		350658	VV	0.0000	
24	18.49		.073822		51842	VV	0.0000	
25	18.67-3		.076542		247281	VV	0.0000	
26	18.76		.065091		97688	VV	0.0000	
27	18.92		.080489		102116	VB	0.0000	
28	19.28	19.35	.065002		13259	BV	.0036	gamma-Chlordane
29	19.45-4	19.51	.074961		96768	VV	.0275	alpha-Chlordane
30	19.71-5		.072852		147957	PV	0.0000	
31	19.79	19.80	.066632		64512	VV	.0205	4,4'-DDE
32	20.02		.071303		307164	VV	0.0000	
33	20.20		.118333		49291	VV	0.0000	
34	20.46		.088604		165077	VV	0.0000	
35	20.59		.073766		23071	VV	0.0000	
36	20.76-7		.079963		247402	VV	0.0000	
37	20.94	20.91	.096560		47044	VV	.0185	Endrin
38	21.14		.081703		154091	VV	0.0000	
39	21.51		.079151		92403	VV	0.0000	

0294

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	21.65	21.68	.072457	45428	VV	.0352	Chlorobenzilate
41	21.77		.075576	127702	VV	0.0000	
42	21.97		.076900	22726	VV	0.0000	
43	22.16	22.16	.092817	273625	VV	.1115	4,4'-DDD
44	22.42		.092301	27797	VB	0.0000	
45	23.02		.084891	13379	VV	0.0000	
46	23.19		.081587	69210	VV	0.0000	
47	23.33		.085376	10860	VV	0.0000	
48	23.47		.107463	11969	VV	0.0000	
49	23.89		.133353	57729	VV	0.0000	
50	24.13		.108912	36892	VB	0.0000	
51	25.43		.130164	31619	BB	0.0000	
52	26.95		.089439	11347	BV	0.0000	
53	28.88	#28.88	.084384	364462	PB	.1106	Decachlorobiphenyl
54	29.46		.144122	7392	BB	0.0000	
55	30.78		.558480	133571	BV	0.0000	
56	31.80		.924973	135662	VV	0.0000	
57	32.55		.249158	44237	VV	0.0000	

Total Area : 5250282 Total PPB : .464

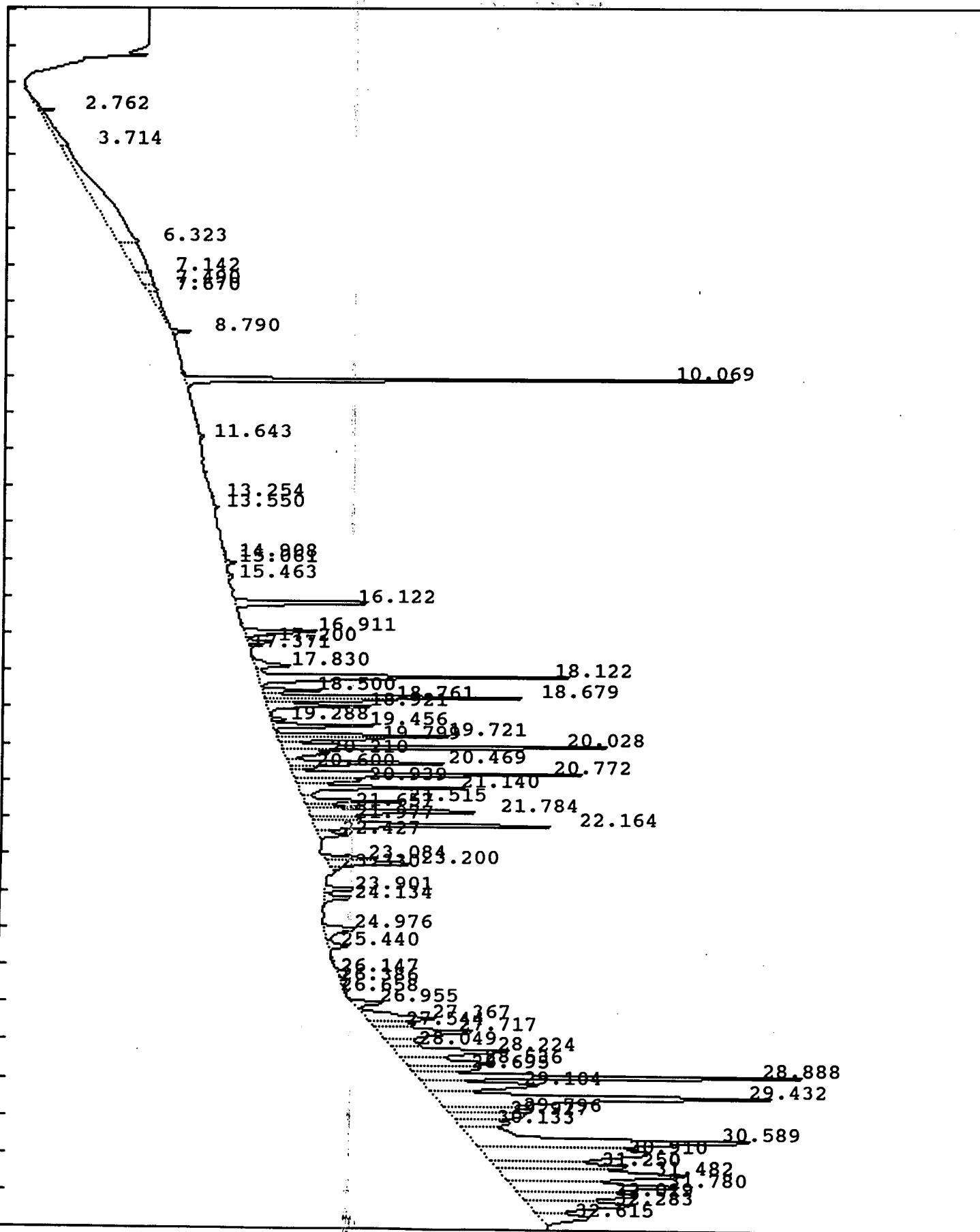
Report Time : 0605 01May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524078.RES

0295

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng
Result File : /DATA/LOOP/RESULT/A4524097.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2104 01May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 97.00
 Result File : /DATA/LOOP/RESULT/A4524097.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2104 01May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 97 Bottle no. : 97

% Dil-Fact
 100.00

Run Status : RunStatusOK
 EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.106794	242224	PV	0.0000	
2	3.71		.627482	61729	VV	0.0000	
3	6.32		1.591456	402002	VV	0.0000	
4	7.14		.847714	141895	VV	0.0000	
5	7.49		.331116	44999	VV	0.0000	
6	7.67		.171995	20442	VV	0.0000	
7	8.79		.266220	61558	VV	0.0000	
8	10.07	10.06	.063995	451312	BB	.1256	Tetrachloro-m-xylene
9	11.64		.156727	9892	BB	0.0000	
10	13.25		.084199	1431	BB	0.0000	
11	13.55		.082463	4987	BB	0.0000	
12	14.91		.179863	4432	BV	0.0000	
13	15.06		.081565	10003	VB	0.0000	
14	15.46		.147230	7364	BB	0.0000	
15	16.12		.089782	164479	BB	0.0000	
16	16.91		.090896	83619	BV	0.0000	
17	17.20		.074840	23191	VV	0.0000	
18	17.37		.079189	2184	VB	0.0000	
19	17.83	17.83	.116894	50707	BV	.0159	delta-BHC
20	18.12		.098233	355088	VV	0.0000	
21	18.50		.075384	52395	VV	0.0000	
22	18.68	3	.075737	243950	VV	0.0000	
23	18.76		.065310	97100	VV	0.0000	
24	18.92		.086773	109141	VV	0.0000	
25	19.29	19.35	.069253	13969	VV	.0038	gamma-Chlordanne
26	19.46	19.51	.074690	92420	VV	.0262	alpha-Chlordanne
27	19.72	5	.074167	154271	PV	0.0000	
28	19.80	19.80	.083012	97680	VV	.0310	4,4'-DDE
29	20.03		.077598	336770	VV	0.0000	
30	20.21		.139496	73760	VV	0.0000	
31	20.47		.091491	172330	VV	0.0000	
32	20.60		.076381	26078	VV	0.0000	
33	20.77	7	.092865	316614	VV	0.0000	
34	20.94	20.91	.114303	89671	VV	.0352	Endrin
35	21.14		.092220	184001	VV	0.0000	
36	21.51		.083860	98783	VV	0.0000	
37	21.66	21.68	.073730	47905	VV	.0371	Chlorobenzilate
38	21.78		.101411	226575	VV	0.0000	
39	21.98		.088024	50535	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	22.16	22.16	.104645	319315	VV	.1301	4,4'-DDD
41	22.43		.111157	40676	VB	0.0000	
42	23.08		.104699	61520	PV	0.0000	
43	23.20		.097245	101411	VV	0.0000	
44	23.33		.070456	9856	VV	0.0000	
45	23.90		.092337	36657	BV	0.0000	
46	24.13		.113044	37735	VB	0.0000	
47	24.98		.189032	70210	BV	0.0000	
48	25.44		.117482	27714	VV	0.0000	
49	26.15	26.22	.128655	13621	PV	.0055	Endrin ketone
50	26.39		.188065	11538	VV	0.0000	
51	26.66		.170357	6566	VV	0.0000	
52	26.95		.119767	44493	PV	0.0000	
53	27.37		.184837	143234	VV	0.0000	
54	27.54		.124211	57267	VV	0.0000	
55	27.72		.202992	224308	VV	0.0000	
56	28.05		.137455	49196	VV	0.0000	
57	28.22		.186397	238823	VV	0.0000	
58	28.54		.149720	149585	VV	0.0000	
59	28.69		.147191	112940	VV	0.0000	
60	28.89	#28.88	.092172	436026	VV	.1323	Decachlorobiphenyl
61	29.10		.204883	259072	VV	0.0000	
62	29.43		.187683	697777	VV	0.0000	
63	29.80		.145953	138184	VV	0.0000	
64	29.93		.166872	139023	VV	0.0000	
65	30.13		.156407	90516	VV	0.0000	
66	30.59		.225008	705721	VV	0.0000	
67	30.91		.317956	564296	VV	0.0000	
68	31.25		.161561	239877	VV	0.0000	
69	31.48		.246879	496994	VV	0.0000	
70	31.78		.192573	361987	VV	0.0000	
71	32.02		.193904	247455	VV	0.0000	
72	32.28		.229898	257457	VV	0.0000	
73	32.61		.200181	114695	VV	0.0000	

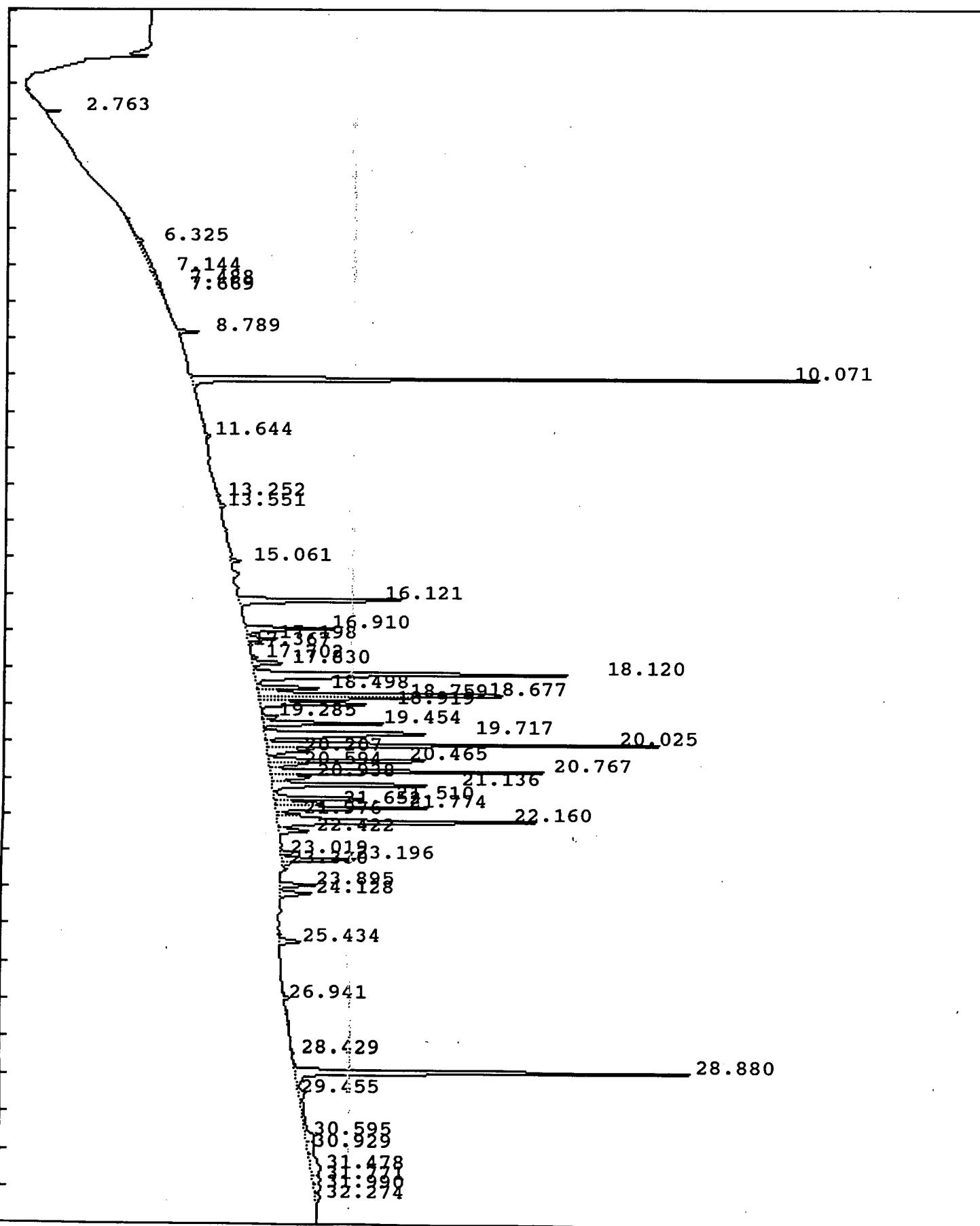
Total Area : 10915228 Total PPB : .543

Report Time : 2139 01May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524097.RES

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng
Result File : /DATA/LOOP/RESULT/A4524107.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1854 04May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA-Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 1.00
 Result File : /DATA/LOOP/RESULT/A4524107.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.02 Mins. Injected on 1854 04May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2/ 8 Bottle no. : 8

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.040186	10360	PV	0.0000	
2	6.32		.128359	12151	BV	0.0000	
3	7.14		.552195	32998	VV	0.0000	
4	7.49		.241374	13904	VV	0.0000	
5	7.67		.126618	5752	VV	0.0000	
6	8.79		.076594	19568	VV	0.0000	
7	10.07	10.06	.064109	493298	BB	.1372	Tetrachloro-m-xylene
8	11.64		.145532	10335	BB	0.0000	
9	13.25		.203659	6270	BV	0.0000	
10	13.55		.107763	7577	BV	0.0000	
11	15.06		.080100	10325	BV	0.0000	
12	16.12 -1		.090712	188257	BB	0.0000	
13	16.91		.085533	90598	BV	0.0000	
14	17.20		.076274	27205	VV	0.0000	
15	17.37		.079000	2544	BV	0.0000	
16	17.70		.075416	5288	BV	0.0000	
17	17.83	17.83	.081134	33102	VV	.0104	delta-BHC
18	18.12 -		.097929	390707	VV	0.0000	
19	18.50		.074940	60344	VV	0.0000	
20	18.68 -3		.076392	275946	VV	0.0000	
21	18.76		.066300	113379	VV	0.0000	
22	18.92		.081894	118449	VB	0.0000	
23	19.29	19.35	.068207	16144	BV	.0044	gamma-Chlordane
24	19.45 -4	19.51	.077861	110998	VV	.0315	alpha-Chlordane
25	19.72 -5		.106083	242055	VV	0.0000	
26	20.02		.072784	343172	VV	0.0000	
27	20.21		.116720	55534	VV	0.0000	
28	20.47		.088491	185090	VV	0.0000	
29	20.59		.071198	24065	VV	0.0000	
30	20.77 -7		.080912	271373	VV	0.0000	
31	20.94	20.91	.093520	50660	VV	.0199	Endrin
32	21.14		.079201	166081	VV	0.0000	
33	21.51		.075815	98324	VV	0.0000	
34	21.65	21.68	.071502	48709	VV	.0377	Chlorobenzilate
35	21.77		.076052	141112	VV	0.0000	
36	21.98		.074453	24552	VV	0.0000	
37	22.16	22.16	.094956	311166	VV	.1268	4,4'-DDD
38	22.42		.093492	33091	VB	0.0000	
39	23.02		.081367	13767	PV	0.0000	
40	23.20		.080925	74771	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	23.33		.068574	7138	VV	0.0000	
42	23.89		.087351	38068	BV	0.0000	
43	24.13		.105523	38898	VB	0.0000	
44	25.43		.098777	24579	BB	0.0000	
45	26.94		.089214	5615	BB	0.0000	
46	28.43		.517760	8360	BV	0.0000	
47	28.88	#28.88	.089999	425128	PV	.1290	Decachlorobiphenyl
48	29.45		.252764	18683	VV	0.0000	
49	30.59		.470954	47131	VV	0.0000	
50	30.93		.318240	24365	VV	0.0000	
51	31.48		.408272	46595	VV	0.0000	
52	31.77		.206577	17316	VV	0.0000	
53	31.99		.210597	15011	VV	0.0000	
54	32.27		.217094	12138	VV	0.0000	

Total Area : 4868045 Total PPB : .497

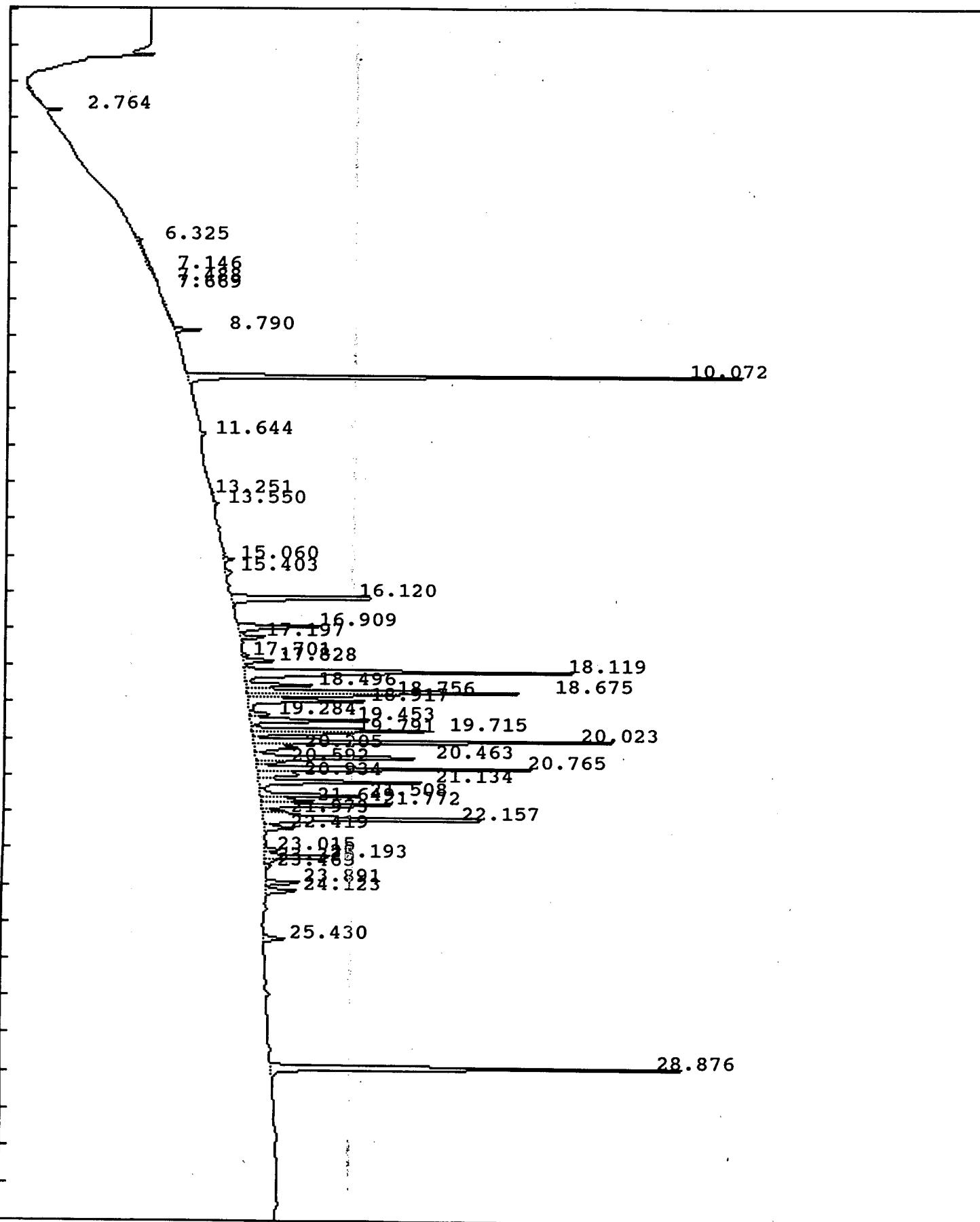
Report Time : 1929 04May1998
Method : /DATA/LOOP/METHOD/A4524.MTH
Result File : /DATA/LOOP/RESULT/A4524107.RES

0301

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng
Result File : /DATA/LOOP/RESULT/A4524124.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0757 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 18.00
 Result File : /DATA/LOOP/RESULT/A4524124.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0757 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2/ 25 Bottle no. : 25

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.032356	8312	PV	0.0000	
2	6.33		.118452	10663	BV	0.0000	
3	7.15		.551663	23585	VV	0.0000	
4	7.49		.194724	7565	VV	0.0000	
5	7.67		.088907	2122	VB	0.0000	
6	8.79		.045838	15371	BV	0.0000	
7	10.07	10.06	.065496	478690	BB	.1332	Tetrachloro-m-xylene
8	11.64		.063215	4027	BB	0.0000	
9	13.25		.086174	1458	BB	0.0000	
10	13.55		.071782	4574	BB	0.0000	
11	15.06		.081588	10073	VB	0.0000	
12	15.40	15.33	.137413	9483	BB	.0024	Heptachlor
13	<u>16.12</u>		.092423	184407	BB	0.0000	
14	16.91		.089744	91667	BV	0.0000	
15	17.20		.072033	23620	VV	0.0000	
16	17.70		.074239	5225	BV	0.0000	
17	17.83	17.83	.084382	33375	VV	.0104	delta-BHC
18	18.12		.099845	388069	VV	0.0000	
19	18.50		.079131	63407	VV	0.0000	
20	<u>18.68</u>	3	.077139	272149	VV	0.0000	
21	18.76		.068354	115819	VV	0.0000	
22	18.92		.088765	128876	VV	0.0000	
23	19.28	19.35	.079212	20691	VV	.0057	gamma-Chlordane
24	<u>19.45</u>	4 19.51	.081723	116248	VV	.0330	alpha-Chlordane
25	19.71		.074738	165470	VV	0.0000	
26	<u>19.79</u>	5 19.80	.068856	77985	VV	.0248	4,4'-DDE
27	20.02		.074412	339221	VV	0.0000	
28	20.21		.121023	60551	VV	0.0000	
29	20.46		.090899	185649	VV	0.0000	
30	20.59		.073860	26734	VV	0.0000	
31	<u>20.76</u>	7	.082987	269171	VV	0.0000	
32	20.93	20.91	.095966	52300	VV	.0206	Endrin
33	21.13		.081800	166297	VV	0.0000	
34	21.51		.078563	100794	VV	0.0000	
35	21.65	21.68	.072984	49562	VV	.0384	Chlorobenzilate
36	21.77		.077927	138123	VV	0.0000	
37	21.97		.076002	24824	VV	0.0000	
38	22.16	22.16	.096373	304229	VV	.1240	4,4'-DDD
39	22.42	22.34	.097047	33322	VB	.0117	Endosulfan II
40	23.01		.084340	14406	VV	0.0000	

0303

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	23.19		.080502	73542	VV	0.0000	
42	23.33		.077717	9292	VV	0.0000	
43	23.47		.081821	6823	VB	0.0000	
44	23.89		.093622	39132	BV	0.0000	
45	24.12		.106241	38880	VB	0.0000	
46	25.43		.099346	24445	BB	0.0000	
47	28.88	#28.88	.086283	411981	BB	.1250	Decachlorobiphenyl

Total Area : 4632209 Total PPB : .529

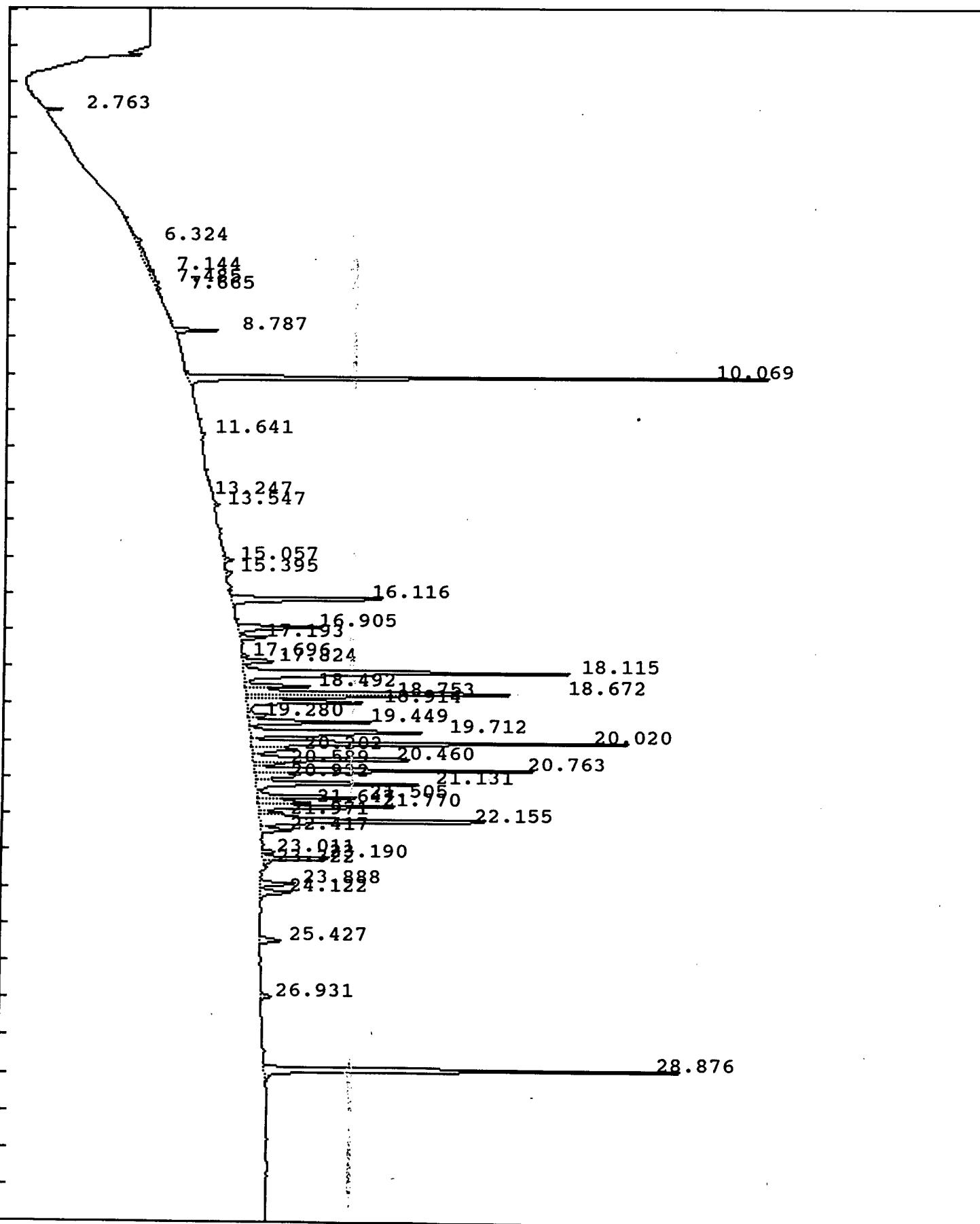
Report Time : 0831 05May1998
Method : /DATA/LOOP/METHOD/A4524.MTH
Result File : /DATA/LOOP/RESULT/A4524124.RES

0304

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng
Result File : /DATA/LOOP/RESULT/A4524134.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1542 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 28.00
 Result File : /DATA/LOOP/RESULT/A4524134.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1542 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 35 Bottle no. : 35

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.032104	8486	PV	0.0000	
2	6.32		.130419	12715	BV	0.0000	
3	7.14		.558842	32267	VV	0.0000	
4	7.49		.242271	13521	VV	0.0000	
5	7.66		.119751	4862	VV	0.0000	
6	8.79		.064291	34023	VV	0.0000	
7	10.07	10.06	.066103	492704	BB	.1371	Tetrachloro-m-xylene
8	11.64		.088222	5654	BB	0.0000	
9	13.25		.065040	999	BB	0.0000	
10	13.55		.074606	4844	BB	0.0000	
11	15.06		.083049	10369	VB	0.0000	
12	15.39	15.33	.135963	8668	BB	.0022	Heptachlor
13	16.12		.092940	187973	BB	0.0000	
14	16.90		.087577	89841	BV	0.0000	
15	17.19		.072001	23702	VV	0.0000	
16	17.70		.073599	5294	BV	0.0000	
17	17.82	17.83	.084176	33548	VV	.0105	delta-BHC
18	18.11		.101415	397608	VV	0.0000	
19	18.49		.079188	64406	VV	0.0000	
20	18.67 ³		.077595	276859	VV	0.0000	
21	18.75		.068937	118741	VV	0.0000	
22	18.91		.090423	132214	VV	0.0000	
23	19.28	19.35	.079568	21518	VV	.0059	gamma-Chlordane
24	19.45 ⁴	19.51	.082176	118879	VV	.0338	alpha-Chlordane
25	19.71 ⁵		.110739	248633	VV	0.0000	
26	20.02		.076137	350577	VV	0.0000	
27	20.20		.116094	58962	VV	0.0000	
28	20.46		.090200	189752	VV	0.0000	
29	20.59		.074712	27099	VV	0.0000	
30	20.76 ¹		.083044	273668	VV	0.0000	
31	20.93	20.91	.095919	53160	VV	.0209	Endrin
32	21.13		.081860	169272	VV	0.0000	
33	21.51		.078419	102043	VV	0.0000	
34	21.65	21.68	.073765	50089	VV	.0388	Chlorobenzilate
35	21.77		.077242	138668	VV	0.0000	
36	21.97		.075045	24451	VV	0.0000	
37	22.15	22.16	.096329	308593	VV	.1257	4,4'-DDD
38	22.42	22.34	.096022	33884	VB	.0119	Endosulfan II
39	23.01		.080172	13249	PV	0.0000	
40	23.19		.078971	71685	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	23.32		.069507	6883	VV	0.0000	
42	23.89		.090006	38140	BV	0.0000	
43	24.12		.106901	39510	VB	0.0000	
44	25.43		.102673	25504	BB	0.0000	
45	26.93		.092545	11315	BB	0.0000	
46	28.88	#28.88	.088324	422428	BB	.1281	Decachlorobiphenyl

Total Area : 4757261 Total PPB : .515

Report Time : 1617 05May1998

Method : /DATA/LOOP/METHOD/A4524.MTH

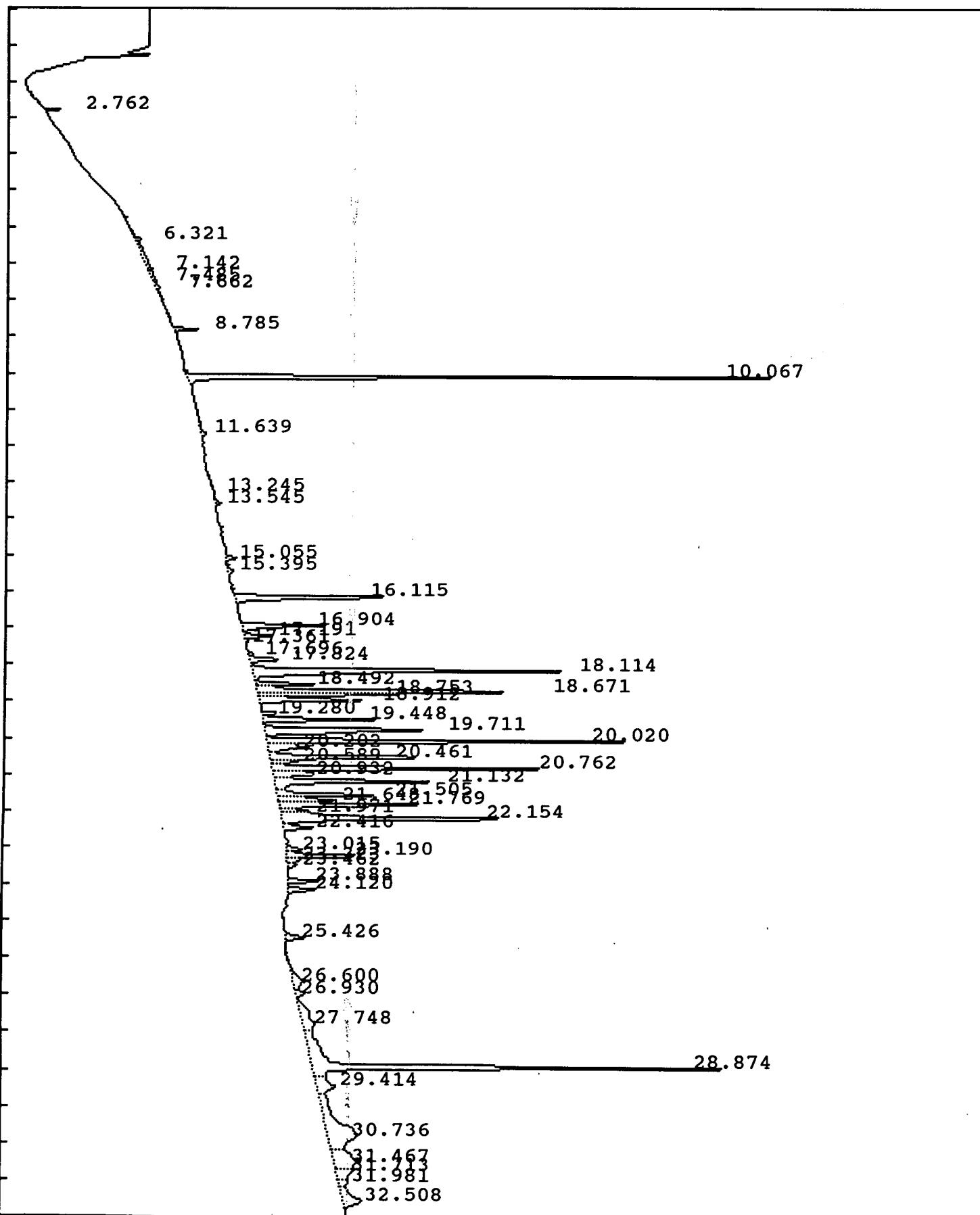
Result File : /DATA/LOOP/RESULT/A4524134.RES

0307

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng
Result File : /DATA/LOOP/RESULT/A4524151.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0505 06May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 uL



IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 45.00
 Result File : /DATA/LOOP/RESULT/A4524151.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0505 06May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2/ 52 Bottle no. : 52

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.031471	8100	PV	0.0000	
2	6.32		.129374	12258	BV	0.0000	
3	7.14		.582821	32369	VV	0.0000	
4	7.48		.263003	12491	VV	0.0000	
5	7.66		.124560	5406	VV	0.0000	
6	8.78		.075093	21985	VV	0.0000	
7	10.07	10.06	.063860	476728	BB	.1326	Tetrachloro-m-xylene
8	11.64		.188156	13633	BB	0.0000	
9	13.25		.068578	1159	BB	0.0000	
10	13.54		.074884	4750	BB	0.0000	
11	15.06		.080927	9959	VB	0.0000	
12	15.40	15.33	.131883	8225	BB	.0021	Heptachlor
13	<u>16.11</u>		.090495	178130	BB	0.0000	
14	16.90		.085642	85140	BV	0.0000	
15	17.19		.075367	24972	VV	0.0000	
16	17.36		.079803	2379	VB	0.0000	
17	17.70		.073365	4791	BV	0.0000	
18	17.82	17.83	.082973	31670	VV	.0099	delta-BHC
19	18.11		.098871	368671	VV	0.0000	
20	18.49		.074697	55464	VV	0.0000	
21	<u>18.67</u>		.076355	256757	VV	0.0000	
22	18.75		.066913	105221	VV	0.0000	
23	18.91		.080637	108046	VB	0.0000	
24	19.28	19.35	.064671	13525	BV	.0037	gamma-Chlordan
25	<u>19.45</u>	19.51	.075613	100739	VV	.0286	alpha-Chlordan
26	<u>19.71</u>	5	.106320	222594	PV	0.0000	
27	20.02		.073235	320131	VV	0.0000	
28	20.20		.119699	54107	VV	0.0000	
29	20.46		.089310	173420	VV	0.0000	
30	20.59		.076072	26214	VV	0.0000	
31	<u>20.76</u>	7	.082769	261618	VV	0.0000	
32	20.93	20.91	.102485	55818	VV	.0219	Endrin
33	21.13		.086683	169161	VV	0.0000	
34	21.50		.083906	104823	VV	0.0000	
35	21.65	21.68	.076842	53641	VV	.0415	Chlorobenzilate
36	21.77		.082224	148024	VV	0.0000	
37	21.97		.083785	31092	VV	0.0000	
38	22.15	22.16	.097578	297181	VV	.1211	4,4'-DDD
39	22.42	22.34	.096287	31596	VB	.0111	Endosulfan II

0309

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	23.01		.100541	19200	VV	0.0000	
41	23.19		.086394	77636	VV	0.0000	
42	23.32		.085957	12488	VV	0.0000	
43	23.46		.096385	9615	VB	0.0000	
44	23.89		.084439	33170	BV	0.0000	
45	24.12		.100599	33950	PB	0.0000	
46	25.43		.101019	23581	BB	0.0000	
47	26.60		.347506	35791	BV	0.0000	
48	26.93		.119657	13208	VV	0.0000	
49	27.75		.559758	74379	VV	0.0000	
50	28.87	#28.88	.116004	549077	VV	.1666	Decachlorobiphenyl
51	29.41		.328331	65923	VV	0.0000	
52	30.74		.759540	241564	VV	0.0000	
53	31.47		.427309	103791	VV	0.0000	
54	31.71		.213302	39096	VV	0.0000	
55	31.98		.186148	19092	VV	0.0000	
56	32.51		.320071	64347	VB	0.0000	

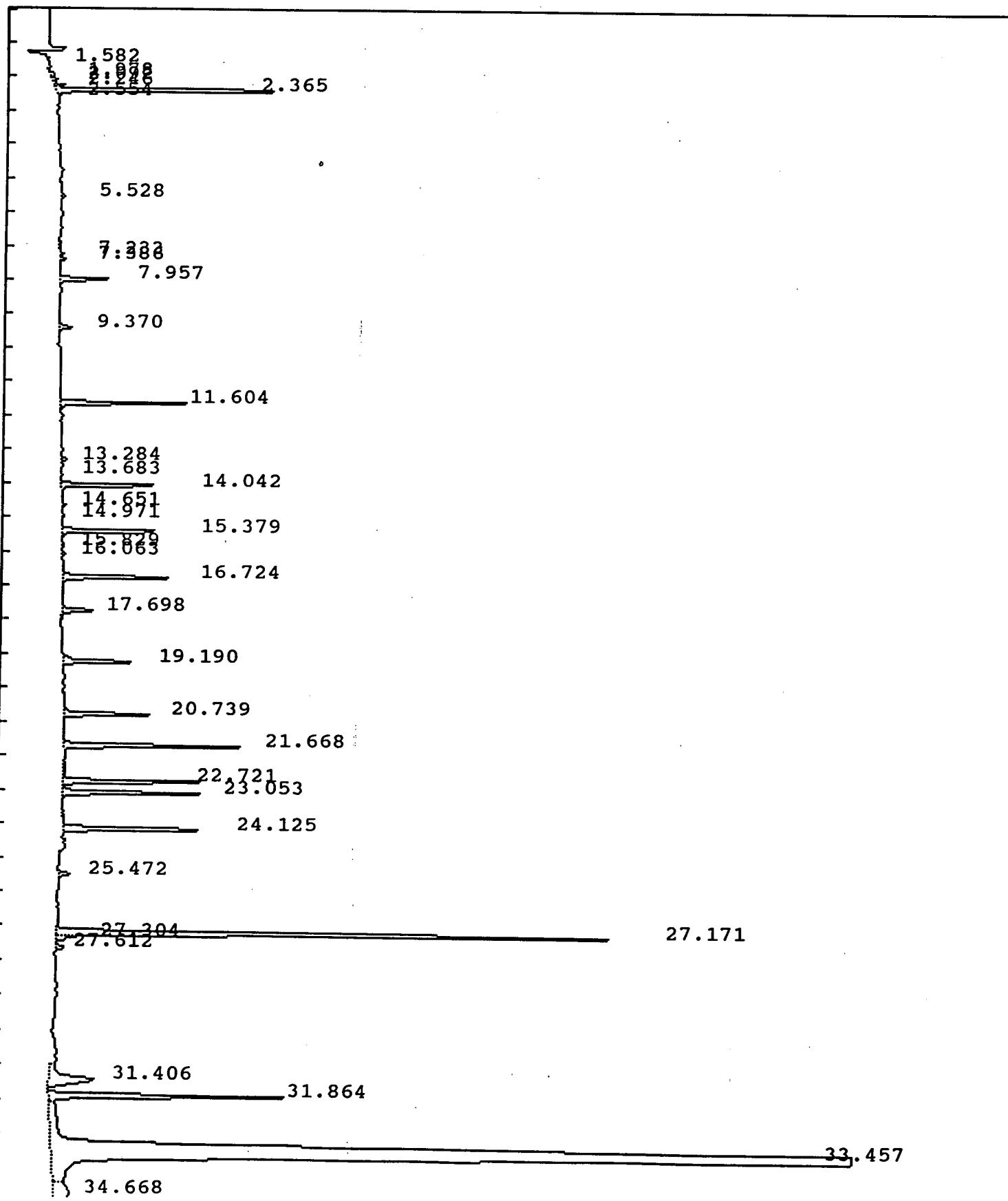
Total Area : 5307896 Total PPB : .539

Report Time : 0539 06May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524151.RES

0310

IEA Pesticide Standard Report

Sample Name : INDA1 Inj on 0947 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509002.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDA1 Report No : 23.21
 Result File : /DATA/LOOP/RESULT/B4509002.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0947 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1 / 18 Bottle no. : 18

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline
SpecialInteg

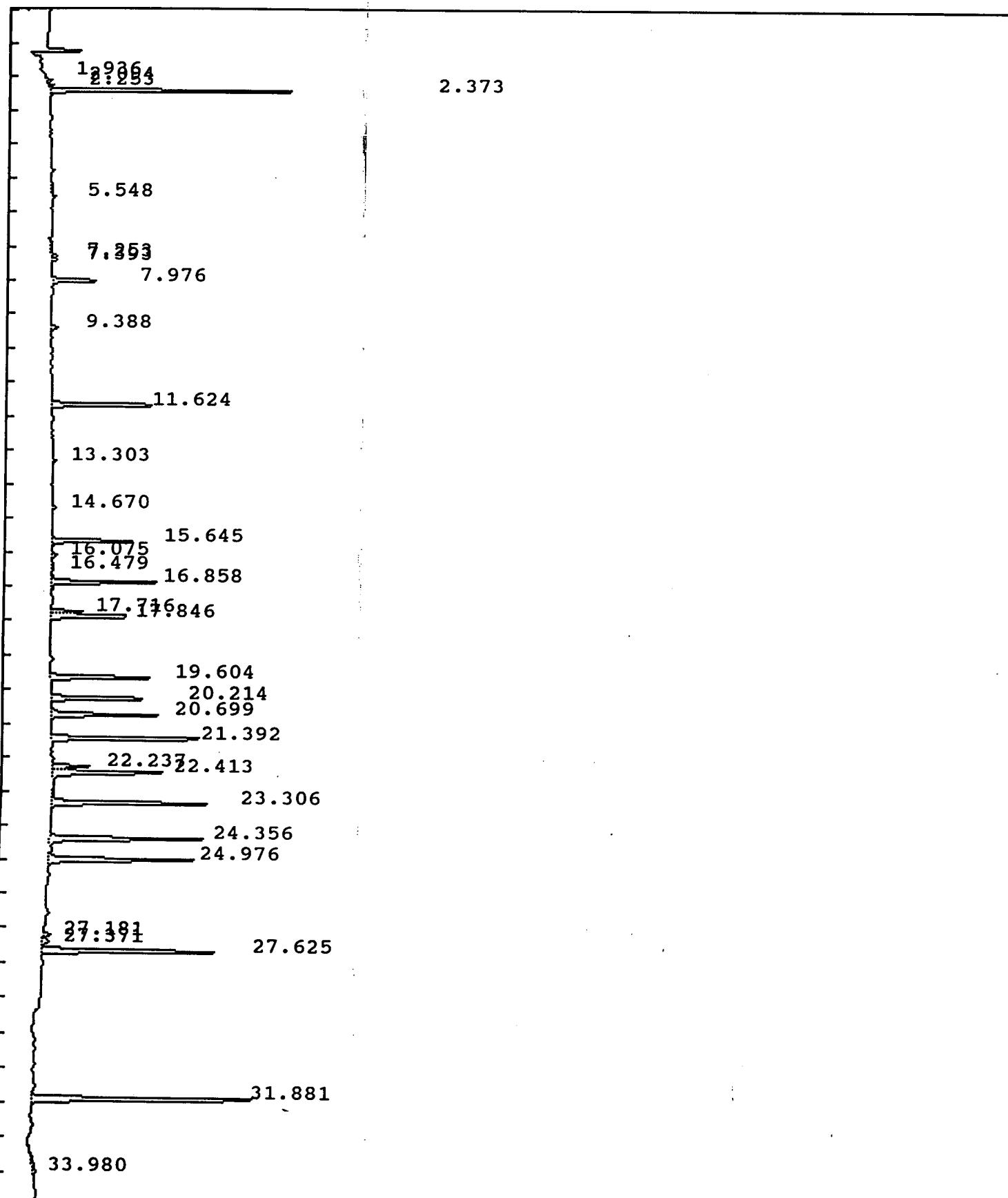
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.58		0.000000	2260	BV	0.0000	
2	1.98		0.000000	10301	PV	0.0000	
3	2.09		0.000000	7968	VV	0.0000	
4	2.25		0.000000	13927	VV	0.0000	
5	2.37		0.000000	318122	VV	0.0000	
6	2.55		0.000000	2135	VB	0.0000	
7	5.53		0.000000	10215	BB	0.0000	
8	7.23		0.000000	15323	PV	0.0000	
9	7.39		0.000000	5552	VB	0.0000	
10	7.96		0.000000	66732	PV	0.0000	
11	9.37		0.000000	15305	BB	0.0000	
12	11.60	11.63	0.000000	153414	BB	.0290	Tetrachloro-m-xylene
13	13.28		0.000000	6166	BB	0.0000	
14	13.68		0.000000	497	FF	0.0000	
15	14.04	14.07	0.000000	132786	FF	.0201	alpha-BHC
16	14.65		0.000000	6007	BB	0.0000	
17	14.97		0.000000	7421	FF	0.0000	
18	15.38	15.40	0.000000	140541	FF	.0215	gamma-BHC (Lindane)
19	15.83		0.000000	5062	FF	0.0000	
20	16.06		0.000000	6649	FF	0.0000	
21	16.72	16.75	0.000000	151978	BB	.0228	Heptachlor
22	17.70		0.000000	53785	BB	0.0000	
23	19.19	19.22	0.000000	105979	BB	.0215	
24	20.74	20.77	0.000000	122516	BB	.0204	Isodrin
25	21.67	21.69	0.000000	229825	BB	.0413	Endosulfan I
26	22.72	22.75	0.000000	199647	PV	.0439	Dieldrin
27	23.05	23.08	0.000000	188308	VV	.0434	Endrin
28	24.12	24.15	0.000000	220969	BV	.0467	4,4'-DDD
29	25.47		0.000000	18069	BB	0.0000	4,4'-DDT
30	27.17	27.19	0.000000	859585	FF	.4793	Methoxychlor
31	27.30		0.000000	16572	FF	0.0000	
32	27.61	27.64	0.000000	14352	FF	.0030	Endrin ketone
33	31.41		0.000000	180555	VV	0.0000	
34	31.86	#31.89	0.000000	357620	PV	.0934	Decachlorobiphenyl
35	33.46		0.000000	5251535	VV	0.0000	
36	34.67		0.000000	161366	VV	0.0000	
37	35.63		0.000000	19443	VB	0.0000	

Total Area : 9078484 Total PPB : .886

0312

IEA Pesticide Standard Report

Sample Name : INDB1 Inj on 1033 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509003.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDB1 Report No : 24.11
 Result File : /DATA/LOOP/RESULT/B4509003.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1033 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 19 Bottle no. : 19

% Dil-Fact
100.00

Run Status : RunStatusOK
SpecialInteg

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.94		0.000000	4127	PB	0.0000	
2	2.09		0.000000	8228	BV	0.0000	
3	2.25		0.000000	7353	VV	0.0000	
4	2.37		0.000000	279870	PV	0.0000	
5	5.55		0.000000	13385	BB	0.0000	
6	7.25		0.000000	18371	PV	0.0000	
7	7.39		0.000000	7017	VB	0.0000	
8	7.98		0.000000	64403	BV	0.0000	
9	9.39		0.000000	9385	BB	0.0000	
10	11.62	11.63	0.000000	156938	BV	.0297	Tetrachloro-m-xylene
11	13.30		0.000000	5625	BB	0.0000	
12	14.67		0.000000	6367	BB	0.0000	
13	15.64	15.66	0.000000	105516	BV	.0307	beta-BHC
14	16.07		0.000000	7817	PB	0.0000	
15	16.48		0.000000	3590	FF	0.0000	
16	16.86	16.87	0.000000	132464	FF	.0217	delta-BHC
17	17.72		0.000000	41424	PV	0.0000	
18	17.85	17.86	0.000000	131424	VB	.0208	Aldrin
19	19.60	19.62	0.000000	137041	BB	.0222	Heptachlor epoxide
20	20.21	20.23	0.000000	146857	BB	.0227	gamma-Chlordane
21	20.70	20.71	0.000000	143172	BB	.0242	alpha-Chlordane
22	21.39	21.41	0.000000	229184	BV	.0420	4,4'-DDE
23	22.24		0.000000	51591	PV	0.0000	
24	22.41	22.42	0.000000	177484	VB	.0346	Chlorobenzilate
25	23.31	23.32	0.000000	236383	BB	.0509	Endosulfan II
26	24.36	24.37	0.000000	233031	BV	.0600	Endrin aldehyde
27	24.98	24.99	0.000000	224934	VV	.0468	Endosulfan sulfate
28	27.18	27.19	0.000000	10647	BV	.0059	Methoxychlor
29	27.37		0.000000	12190	VV	0.0000	
30	27.63	27.64	0.000000	264521	PV	.0552	Endrin ketone
31	31.88	#31.89	0.000000	366476	PB	.0957	Decachlorobiphenyl
32	33.98		0.000000	22043	BB	0.0000	

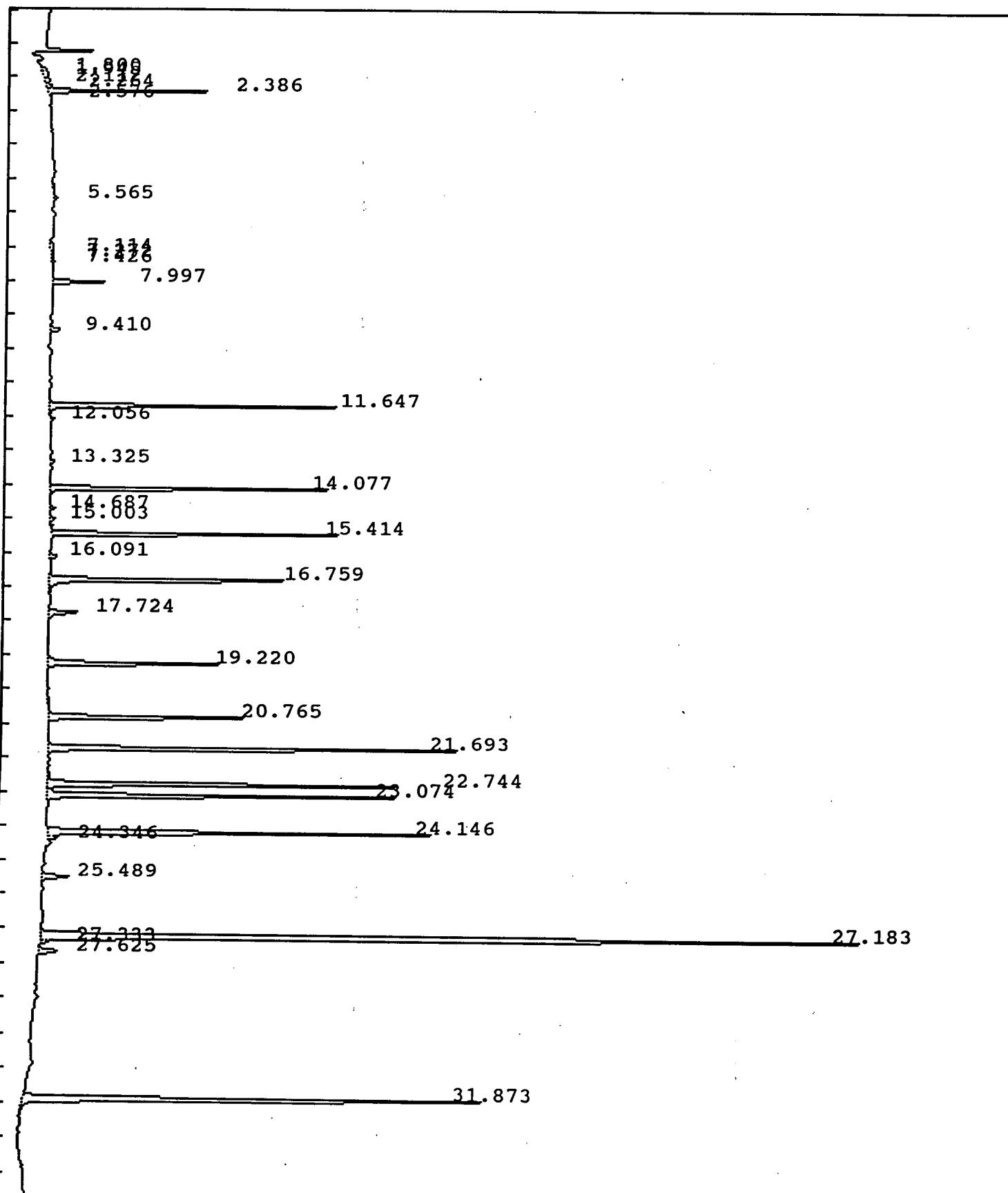
Total Area : 3258856 Total PPB : .563

Report Time : 0933 30Apr1998
 Method : /DATA/LOOP/METHOD/B4509A.MTH
 Result File : /DATA/LOOP/RESULT/B4509003.RES

0314

IEA Pesticide Standard Report

Sample Name : INDA2 Inj on 1119 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509004.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



0315

IEA Pesticide Standard Report

Sample Name : INDA2 Report No : 25.11
 Result File : /DATA/LOOP/RESULT/B4509004.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1119 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 20 Bottle no. : 20

% Dil-Fact
100.00

Run Status : RunStatusOK
SpecialInteg

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.80		0.000000	10374	BV	0.0000	
2	1.94		0.000000	14506	VV	0.0000	
3	2.11		0.000000	9970	VV	0.0000	
4	2.26		0.000000	9081	VV	0.0000	
5	2.39		0.000000	156116	VV	0.0000	
6	2.58		0.000000	874	VB	0.0000	
7	5.56		0.000000	11696	BB	0.0000	
8	7.11		0.000000	15887	PV	0.0000	
9	7.27		0.000000	4117	VV	0.0000	
10	7.43		0.000000	5167	VV	0.0000	
11	8.00		0.000000	64497	PV	0.0000	
12	9.41		0.000000	14272	BB	0.0000	
13	11.65	11.63	0.000000	334075	BV	.0632	Tetrachloro-m-xylene
14	12.06		0.000000	5939	PB	0.0000	
15	13.33		0.000000	5781	BV	0.0000	
16	14.08	14.07	0.000000	327523	BV	.0496	alpha-BHC
17	14.69		0.000000	8587	VV	0.0000	
18	15.00		0.000000	6730	PB	0.0000	
19	15.41	15.40	0.000000	334956	BV	.0511	gamma-BHC (Lindane)
20	16.09		0.000000	11920	BV	0.0000	
21	16.76	16.75	0.000000	356163	VV	.0535	Heptachlor
22	17.72		0.000000	49308	VB	0.0000	
23	19.22	19.22	0.000000	234699	BB	.0477	Isodrin
24	20.77	20.77	0.000000	268284	BV	.0446	Endosulfan I
25	21.69	21.69	0.000000	552492	PV	.0993	Dieldrin
26	22.74	22.75	0.000000	459869	PV	.1011	Endrin
27	23.07	23.08	0.000000	436833	VV	.1007	4,4'-DDD
28	24.15	24.15	0.000000	520436	BV	.1101	4,4'-DDT
29	24.35	24.37	0.000000	11617	VV	.0030	Endrin aldehyde
30	25.49		0.000000	43132	BB	0.0000	
31	27.18	27.19	0.000000	1755825	FF	.9790	Methoxychlor
32	27.33		0.000000	8001	FF	0.0000	
33	27.63	27.64	0.000000	31487	FF	.0066	Endrin ketone
34	31.87	#31.89	0.000000	716818	VV	.1873	Decachlorobiphenyl

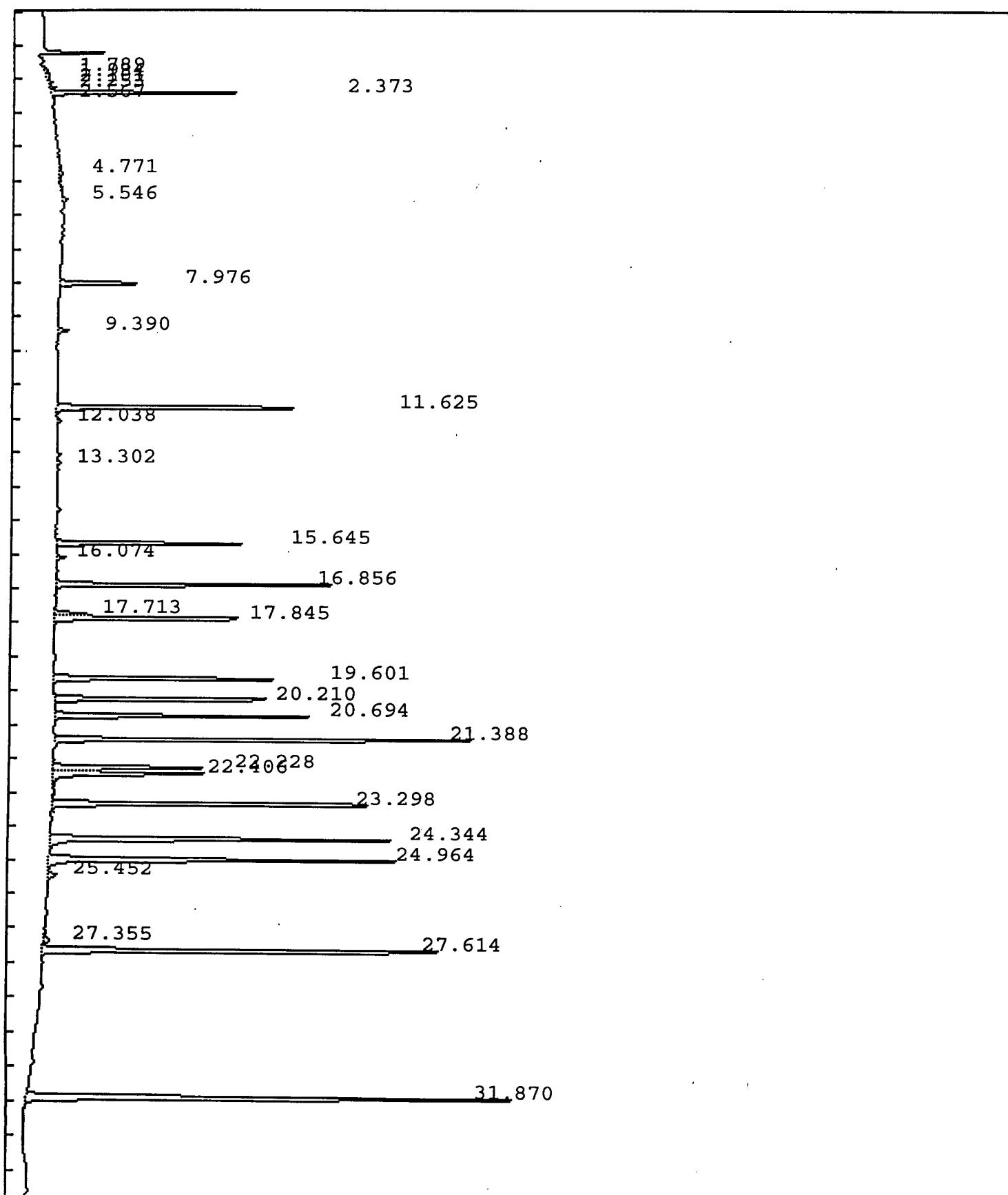
Total Area : 6797035 Total PPB : 1.897

Report Time : 0941 30Apr1998
 Method : /DATA/LOOP/METHOD/B4509A.MTH
 Result File : /DATA/LOOP/RESULT/B4509004.RES

0316

IEA Pesticide Standard Report

Sample Name : INDB2 Inj on 1214 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509005.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDB2 Report No : 26.10
 Result File : /DATA/LOOP/RESULT/B4509005.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1214 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 5 Bottle no. : 5

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.79		.128060	8670	BV	0.0000	
2	1.93		.182694	11481	VV	0.0000	
3	2.10		.095630	7293	VV	0.0000	
4	2.25		.064963	9282	VV	0.0000	
5	2.37		.050215	213614	VV	0.0000	
6	2.57		.050223	763	VB	0.0000	
7	4.77		.272830	17607	BB	0.0000	
8	5.55		.161967	15921	BB	0.0000	
9	7.98		.076850	112001	BV	0.0000	
10	9.39		.077945	12915	BB	0.0000	
11	11.63	11.63	.072050	350299	BV	.0663	Tetrachloro-m-xylene
12	12.04		.093937	6204	PB	0.0000	
13	13.30		.081485	5472	BB	0.0000	
14	15.65	15.66	.070901	239273	BB	.0695	beta-BHC
15	16.07		.091827	13637	BB	0.0000	
16	16.86	16.87	.065533	322961	BB	.0530	delta-BHC
17	17.71		.076583	37321	BV	0.0000	
18	17.84	17.86	.079019	304318	VB	.0483	Aldrin
19	19.60	19.62	.078834	313984	BB	.0509	Heptachlor epoxide
20	20.21	20.23	.078452	342542	BB	.0530	gamma-Chlordane
21	20.69	20.71	.078761	326033	BB	.0551	alpha-Chlordane
22	21.39	21.41	.071353	574447	BV	.1052	4,4'-DDE
23	22.23		.088785	220392	VV	0.0000	
24	22.41	22.42	.098092	235559	VB	.0459	Chlorobenzilate
25	23.30	23.32	.081640	515733	BB	.1110	Endosulfan II
26	24.34	24.37	.097767	518136	BV	.1334	Endrin aldehyde
27	24.96	24.99	.096970	516423	PV	.1075	Endosulfan sulfate
28	25.45		.117215	14975	VB	0.0000	
29	27.36		.142723	13407	VV	0.0000	
30	27.61	27.64	.087366	639932	PV	.1335	Endrin ketone
31	31.87	#31.89	.097063	739706	PB	.1933	Decachlorobiphenyl

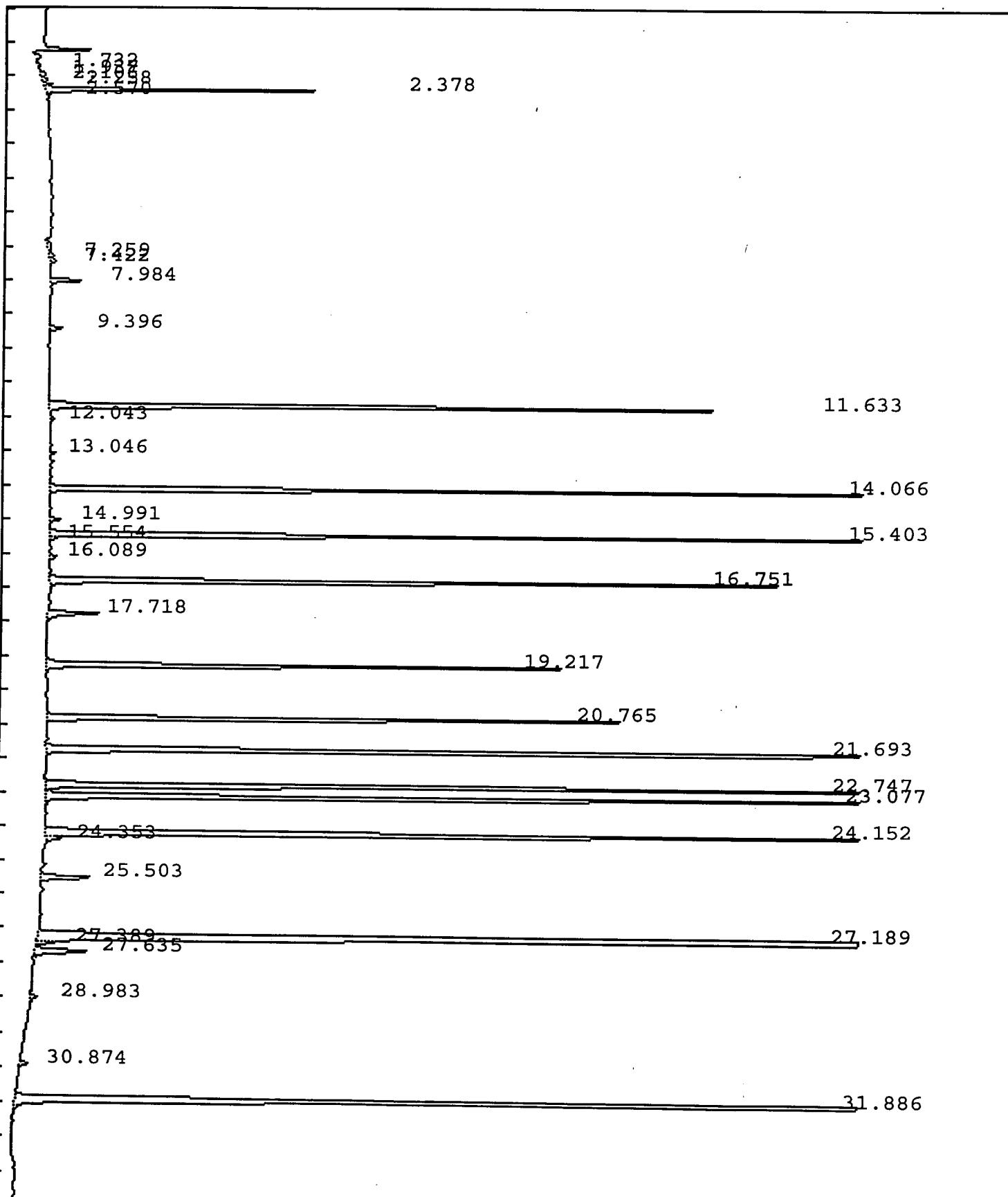
Total Area : 6660300 Total PPB : 1.226

Report Time : 0806 30Apr1998
 Method : /DATA/LOOP/METHOD/B4509A.MTH
 Result File : /DATA/LOOP/RESULT/B4509005.RES

0318

IEA Pesticide Standard Report

Sample Name : INDA3 Inj on 1300 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509006.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDA3 Report No : 27.10
 Result File : /DATA/LOOP/RESULT/B4509006.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1300 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 6 Bottle no. : 6

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.73		.101179	5608	VV	0.0000	
2	1.94		.153013	12183	VV	0.0000	
3	2.11		.098146	7870	VV	0.0000	
4	2.26		.064861	12674	VV	0.0000	
5	2.38		.050859	283263	VV	0.0000	
6	2.57		.054808	2041	VB	0.0000	
7	7.26		.269516	28013	PV	0.0000	
8	7.42		.089213	8924	VB	0.0000	
9	7.98		.077409	40873	BV	0.0000	
10	9.40		.081708	18080	BB	0.0000	
11	11.63	11.63	.073600	862098	BV	.1631	Tetrachloro-m-xylene
12	12.04		.105024	6780	VB	0.0000	
13	13.05		.070177	7554	BB	0.0000	
14	14.07	14.07	.067528	1055559	BB	.1597	alpha-BHC
15	14.99		.078972	14891	BB	0.0000	
16	15.40	15.40	.070331	1039615	BV	.1587	gamma-BHC (Lindane)
17	15.55		.065982	5504	VB	0.0000	
18	16.09		.087641	9785	PB	0.0000	
19	16.75	16.75	.078978	955615	BB	.1435	Heptachlor
20	17.72		.109955	85823	BB	0.0000	
21	19.22	19.22	.077980	667340	BB	.1355	Isodrin
22	20.76	20.77	.078213	760179	BV	.1265	Endosulfan I
23	21.69	21.69	.077540	1623727	PV	.2917	Dieldrin
24	22.75	22.75	.077624	1326656	BV	.2916	Endrin
25	23.08	23.08	.076939	1271760	VB	.2930	4,4'-DDD
26	24.15	24.15	.088255	1508847	BV	.3191	4,4'-DDT
27	24.35	24.37	.090259	20323	VV	.0052	Endrin aldehyde
28	25.50		.100210	82020	BB	0.0000	
29	27.19	27.19	.096032	4176514	BV	2.3286	Methoxychlor
30	27.39		.081419	23084	VV	0.0000	
31	27.63	27.64	.121029	94111	VB	.0196	Endrin ketone
32	28.98		.108832	12381	BV	0.0000	
33	30.87		.085488	10538	BB	0.0000	
34	31.89	#31.89	.098774	1691634	PV	.4420	Decachlorobiphenyl

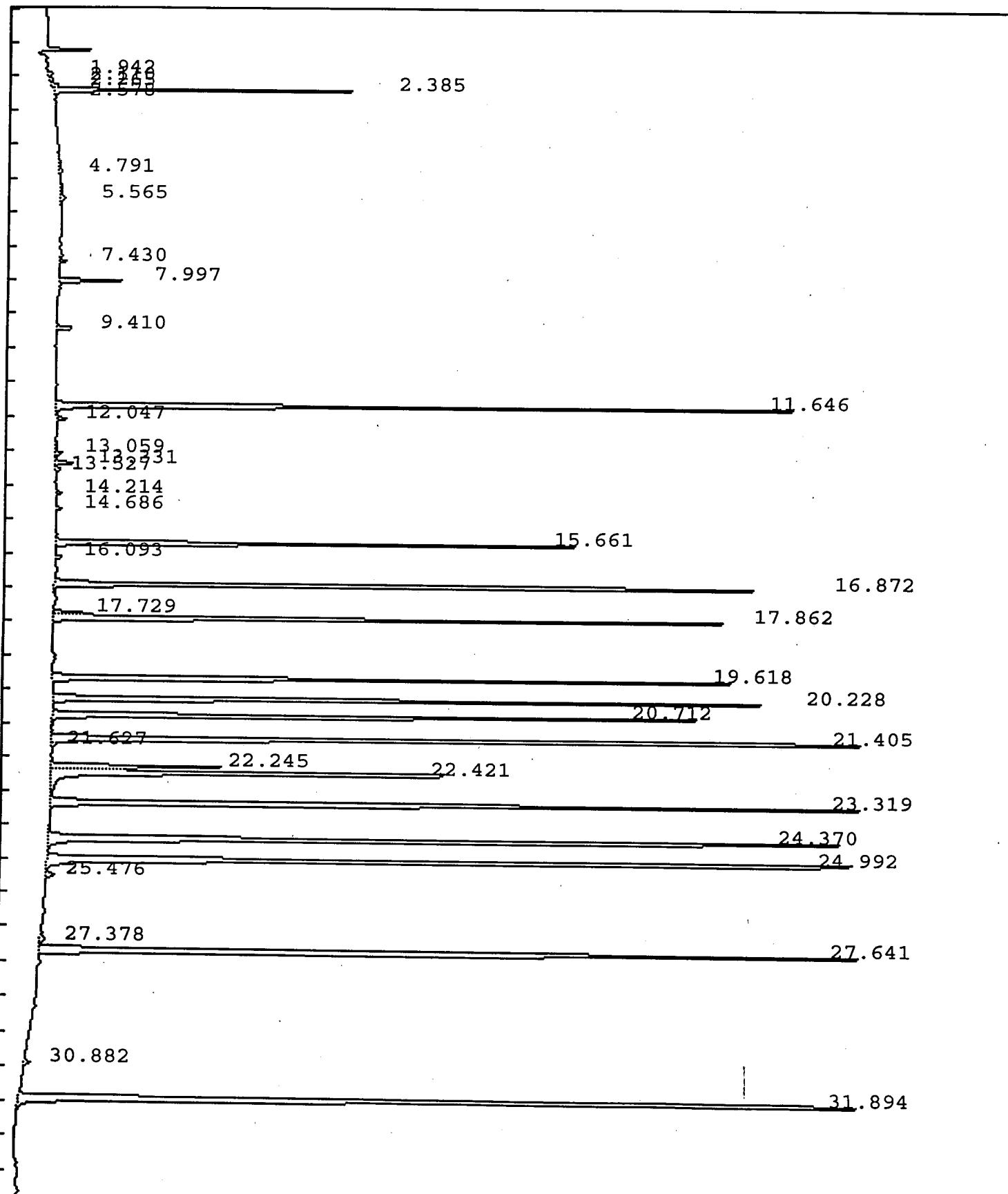
Total Area : 17731872 Total PPB : 4.878

Report Time : 0809 30Apr1998
 Method : /DATA/LOOP/METHOD/B4509A.MTH
 Result File : /DATA/LOOP/RESULT/B4509006.RES

0320

IEA Pesticide Standard Report

Sample Name : INDB3 Inj on 1351 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509007.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDB3 Report No : 28.10
 Result File : /DATA/LOOP/RESULT/B4509007.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1351 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 7 Bottle no. : 7

% Dil-Fact
100.00

Run Status : RunStatusOK

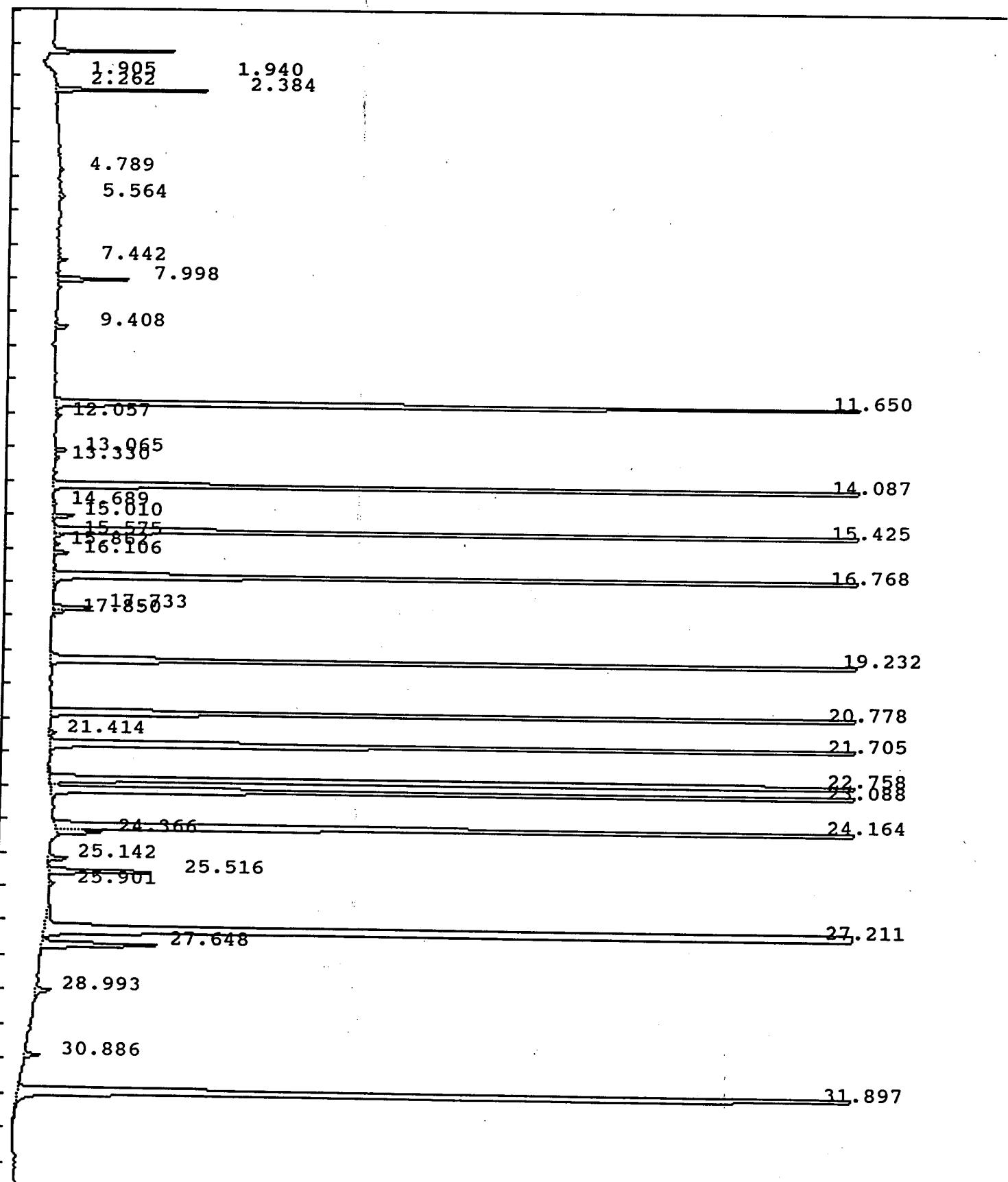
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.94		.127261	10818	PV	0.0000	
2	2.11		.090133	6201	VV	0.0000	
3	2.26		.061884	12480	VV	0.0000	
4	2.38		.050794	296549	VV	0.0000	
5	2.58		.052228	1651	VB	0.0000	
6	4.79		.254112	14886	BB	0.0000	
7	5.56		.273137	21335	BV	0.0000	
8	7.43		.102988	11146	VV	0.0000	
9	8.00		.077011	77141	PV	0.0000	
10	9.41		.081888	24144	BB	0.0000	
11	11.65	11.63	.073462	877021	BV	.1659	Tetrachloro-m-xylene
12	12.05		.080988	12698	PV	0.0000	
13	13.06		.093782	10808	BV	0.0000	
14	13.33		.078849	23903	VV	0.0000	
15	13.53		.085109	6996	VV	0.0000	
16	14.21		.090956	8050	PV	0.0000	
17	14.69		.084239	8689	BB	0.0000	
18	15.66	15.66	.073244	615368	VV	.1788	beta-BHC
19	16.09		.090495	10872	PB	0.0000	
20	16.87	16.87	.067888	985902	VV	.1618	delta-BHC
21	17.73		.067524	30434	PV	0.0000	
22	17.86	17.86	.077929	872179	BV	.1383	Aldrin
23	19.62	19.62	.078105	843995	BB	.1368	Heptachlor epoxide
24	20.23	20.23	.078782	934051	BV	.1447	gamma-Chlordane
25	20.71	20.71	.079839	878338	BV	.1484	alpha-Chlordane
26	21.40	21.41	.073335	1663345	VV	.3045	4,4'-DDE
27	21.63	21.69	.108280	8830	VV	.0016	Dieldrin
28	22.25		.088585	234695	VV	0.0000	
29	22.42	22.42	.102560	759315	VV	.1478	Chlorobenzilate
30	23.32	23.32	.083489	1504131	VB	.3238	Endosulfan II
31	24.37	24.37	.098016	1317321	BV	.3392	Endrin aldehyde
32	24.99	24.99	.097884	1427804	VV	.2971	Endosulfan sulfate
33	25.48		.143958	19554	VB	0.0000	
34	27.38		.136500	11624	VV	0.0000	
35	27.64	27.64	.090953	1722040	PV	.3592	Endrin ketone
36	30.88		.084600	9421	PB	0.0000	
37	31.89	#31.89	.098099	1704520	PB	.4453	Decachlorobiphenyl

Total Area : 16978260 Total PPB : 3.293

0322

IEA Pesticide Standard Report

Sample Name : INDA4 Inj on 1437 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509008.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDA4 Report No : 29.11
 Result File : /DATA/LOOP/RESULT/B4509008.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1437 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 8 Bottle no. : 8

% Dil-Fact
100.00

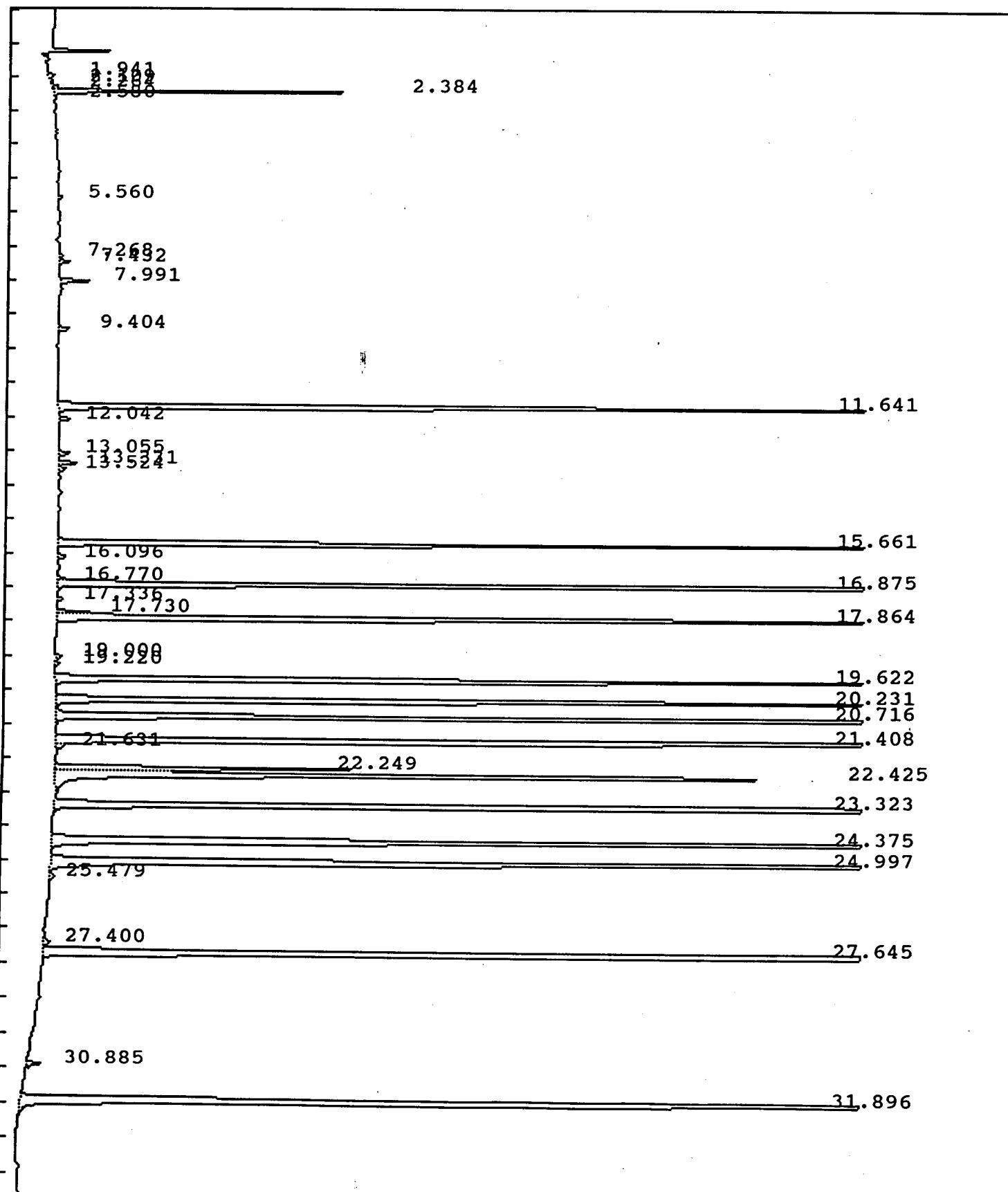
Run Status : SignalOverload
SpecialInteg

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.91		0.000000	8136	PV	0.0000	
2	1.94		0.000000	1759	VB	0.0000	
3	2.26		0.000000	4029	VV	0.0000	
4	2.38		0.000000	149117	VV	0.0000	
5	4.79		0.000000	3915	BB	0.0000	
6	5.56		0.000000	7175	BB	0.0000	
7	7.44		0.000000	12393	VV	0.0000	
8	8.00		0.000000	89200	PV	0.0000	
9	9.41		0.000000	18070	BB	0.0000	
10	11.65	11.63	0.000000	1762273	BV	.3335	Tetrachloro-m-xylene
11	12.06		0.000000	5572	VV	0.0000	
12	13.07		0.000000	16054	PB	0.0000	
13	13.33		0.000000	6588	BB	0.0000	
14	14.09	14.07	0.000000	2441223	FF	.3694	
15	14.69		0.000000	7424	PB	0.0000	
16	15.01		0.000000	30400	BB	0.0000	
17	15.42	15.40	0.000000	2320148	FF	.3543	
18	15.58	15.66	0.000000	10913	FF	.0032	gamma-BHC (Lindane)
19	15.86		0.000000	7300	BV	0.0000	beta-BHC
20	16.11		0.000000	21509	PB	0.0000	
21	16.77	16.75	0.000000	2116120	PB	.3179	Heptachlor
22	17.73		0.000000	68291	BV	0.0000	
23	17.85	17.86	0.000000	13394	VB	.0021	Aldrin
24	19.23	19.22	0.000000	1518064	BB	.3082	Isodrin
25	20.78	20.77	0.000000	1663338	BV	.2767	Endosulfan I
26	21.41	21.41	0.000000	8732	BV	.0016	4,4'-DDE
27	21.70	21.69	0.000000	3583968	PV	.6439	Dieledrin
28	22.76	22.75	0.000000	2973670	PV	.6537	Endrin
29	23.09	23.08	0.000000	2802734	VB	.6458	4,4'-DDD
30	24.16	24.15	0.000000	3303015	BV	.6986	4,4'-DDT
31	24.37	24.37	0.000000	67368	VV	.0173	Endrin aldehyde
32	25.14		0.000000	30582	PB	0.0000	
33	25.52		0.000000	174332	BB	0.0000	
34	25.90		0.000000	9440	BB	0.0000	
35	27.21	27.19	0.000000	7271167	GV	4.0541	Methoxychlor
36	27.65	27.64	0.000000	206295	VB	.0430	Endrin ketone
37	28.99		0.000000	33533	VB	0.0000	
38	30.89		0.000000	22024	BB	0.0000	
39	31.90	#31.89	0.000000	3306686	PV	.8639	Decachlorobiphenyl

0324

IEA Pesticide Standard Report

Sample Name : INDB4 Inj on 1523 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509009.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDB4 Report No : 30.11
 Result File : /DATA/LOOP/RESULT/B4509009.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1523 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 9 Bottle no. : 9

% Dil-Fact
100.00

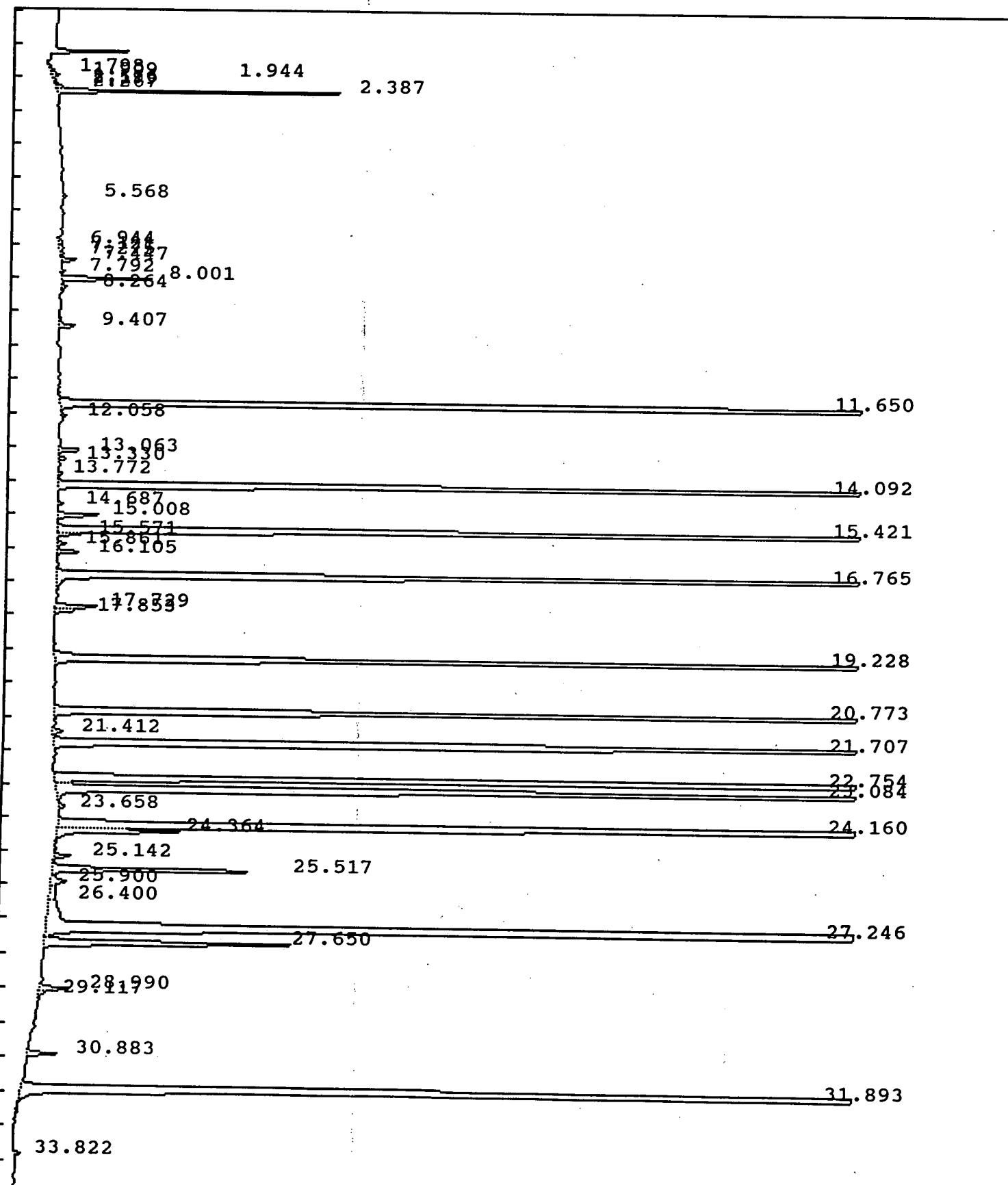
Run Status : RunStatusOK
SpecialInteg

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
1	1.94			0.000000	12249	PV	0.0000	
2	2.11			0.000000	6046	VV	0.0000	
3	2.26			0.000000	12377	VV	0.0000	
4	2.38			0.000000	290445	VV	0.0000	
5	2.58			0.000000	934	VB	0.0000	
6	5.56			0.000000	11009	BB	0.0000	
7	7.27			0.000000	4187	VV	0.0000	
8	7.43			0.000000	12596	VB	0.0000	
9	7.99			0.000000	36496	BV	0.0000	
10	9.40			0.000000	17554	BB	0.0000	
11	11.64	11.63		0.000000	1703732	BV	.3224	Tetrachloro-m-xylene
12	12.04			0.000000	17141	VB	0.0000	
13	13.06			0.000000	17038	BB	0.0000	
14	13.33			0.000000	22601	BV	0.0000	
15	13.52			0.000000	9596	VB	0.0000	
16	15.66	15.66		0.000000	1210290	BB	.3516	beta-BHC
17	16.10			0.000000	11710	BB	0.0000	
18	16.77	16.75		0.000000	5933	FF	.0009	Heptachlor
19	16.88	16.87		0.000000	2108725	FF	.3460	delta-BHC
20	17.34			0.000000	11980	PB	0.0000	
21	17.73			0.000000	36497	BV	0.0000	
22	17.86	17.86		0.000000	1891844	VB	.3000	Aldrin
23	19.00			0.000000	9450	BV	0.0000	
24	19.22	19.22		0.000000	7355	VB	.0015	Isodrin
25	19.62	19.62		0.000000	1754641	BB	.2843	Heptachlor epoxide
26	20.23	20.23		0.000000	1942852	BV	.3009	gamma-Chlordane
27	20.72	20.71		0.000000	1819347	VB	.3074	alpha-Chlordane
28	21.41	21.41		0.000000	3441957	VV	.6302	4,4'-DDE
29	21.63	21.69		0.000000	13477	VV	.0024	Dieldrin
30	22.25			0.000000	413267	BV	0.0000	
31	22.43	22.42		0.000000	1280761	VB	.2494	Chlorobenzilate
32	23.32	23.32		0.000000	3055233	BB	.6577	Endosulfan II
33	24.38	24.37		0.000000	2576913	BV	.6635	Endrin aldehyde
34	25.00	24.99		0.000000	2984739	VV	.6210	Endosulfan sulfate
35	25.48			0.000000	9001	VB	0.0000	
36	27.40			0.000000	11890	VV	0.0000	
37	27.65	27.64		0.000000	3447802	PV	.7191	Endrin ketone
38	30.88			0.000000	18722	BB	0.0000	
39	31.90	#31.89		0.000000	3156075	BB	.8246	Decachlorobiphenyl

0326

IEA Pesticide Standard Report

Sample Name : INDA5 Inj on 1609 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509010.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : INDA5 Report No : 31.11
 Result File : /DATA/LOOP/RESULT/B4509010.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1609 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 10 Bottle no. : 10

% Dil-Fact
100.00

Run Status : EndOffBaseline
SignalOverload
SpecialInteg

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.80		0.000000	9687	VV	0.0000	
2	1.91		0.000000	7594	VV	0.0000	
3	1.94		0.000000	7619	VV	0.0000	
4	2.12		0.000000	5182	VV	0.0000	
5	2.20		0.000000	2328	VV	0.0000	
6	2.27		0.000000	9467	VV	0.0000	
7	2.39		0.000000	277919	VV	0.0000	
8	5.57		0.000000	6419	BB	0.0000	
9	6.94		0.000000	9803	PV	0.0000	
10	7.12		0.000000	9156	VV	0.0000	
11	7.28		0.000000	6566	VV	0.0000	
12	7.45		0.000000	19484	VB	0.0000	
13	7.79		0.000000	4816	BV	0.0000	
14	8.00		0.000000	113812	PV	0.0000	
15	8.26		0.000000	6574	VV	0.0000	
16	9.41		0.000000	23848	BB	0.0000	
17	11.65	11.63	0.000000	3246423	BV	.6143	Tetrachloro-m-xylene
18	12.06		0.000000	6261	PV	0.0000	
19	13.06		0.000000	31686	VV	0.0000	
20	13.33		0.000000	8967	PV	0.0000	
21	13.77		0.000000	6382	BB	0.0000	
22	14.09	14.07	0.000000	4769484	FF	.7218	alpha-BHC
23	14.69		0.000000	6619	BB	0.0000	
24	15.01		0.000000	61565	BB	0.0000	
25	15.42	15.40	0.000000	4555183	FF	.6955	gamma-BHC (Lindane)
26	15.57	15.66	0.000000	20492	FF	.0060	beta-BHC
27	15.86		0.000000	13725	VV	0.0000	
28	16.10		0.000000	31932	PB	0.0000	
29	16.76	16.75	0.000000	4086599	PB	.6138	Heptachlor
30	17.73		0.000000	67399	PV	0.0000	
31	17.85	17.86	0.000000	29868	VB	.0047	Aldrin
32	19.23	19.22	0.000000	2986175	BV	.6063	Isodrin
33	20.77	20.77	0.000000	3277131	BV	.5452	Endosulfan I
34	21.41	21.41	0.000000	16362	VV	.0030	4,4'-DDE
35	21.71	21.69	0.000000	6133518	GV	1.1020	Dieldrin
36	22.75	22.75	0.000000	5549948	GV	1.2200	Endrin
37	23.08	23.08	0.000000	5281837	GV	1.2171	4,4'-DDD
38	23.66		0.000000	10711	VB	0.0000	

0328

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
39	24.16	24.15	0.000000	6206741	GV	1.3128	
40	24.36	24.37	0.000000	203385	VV	.0524	4,4'-DDT
41	25.14		0.000000	29383	FF	0.0000	Endrin aldehyde
42	25.52		0.000000	349589	FF	0.0000	
43	25.90		0.000000	37479	FF	0.0000	
44	26.40		0.000000	37903	FF	0.0000	
45	27.25	27.19	0.000000	9212582	FF	5.1365	Methoxychlor
46	27.65	27.64	0.000000	433633	FF	.0904	Endrin ketone
47	28.99		0.000000	48601	VV	0.0000	
48	29.12		0.000000	13834	VB	0.0000	
49	30.88		0.000000	42066	BB	0.0000	
50	31.89	#31.89	0.000000	5912588	GV	1.5448	Decachlorobiphenyl
51	33.82		0.000000	7601	BV	0.0000	

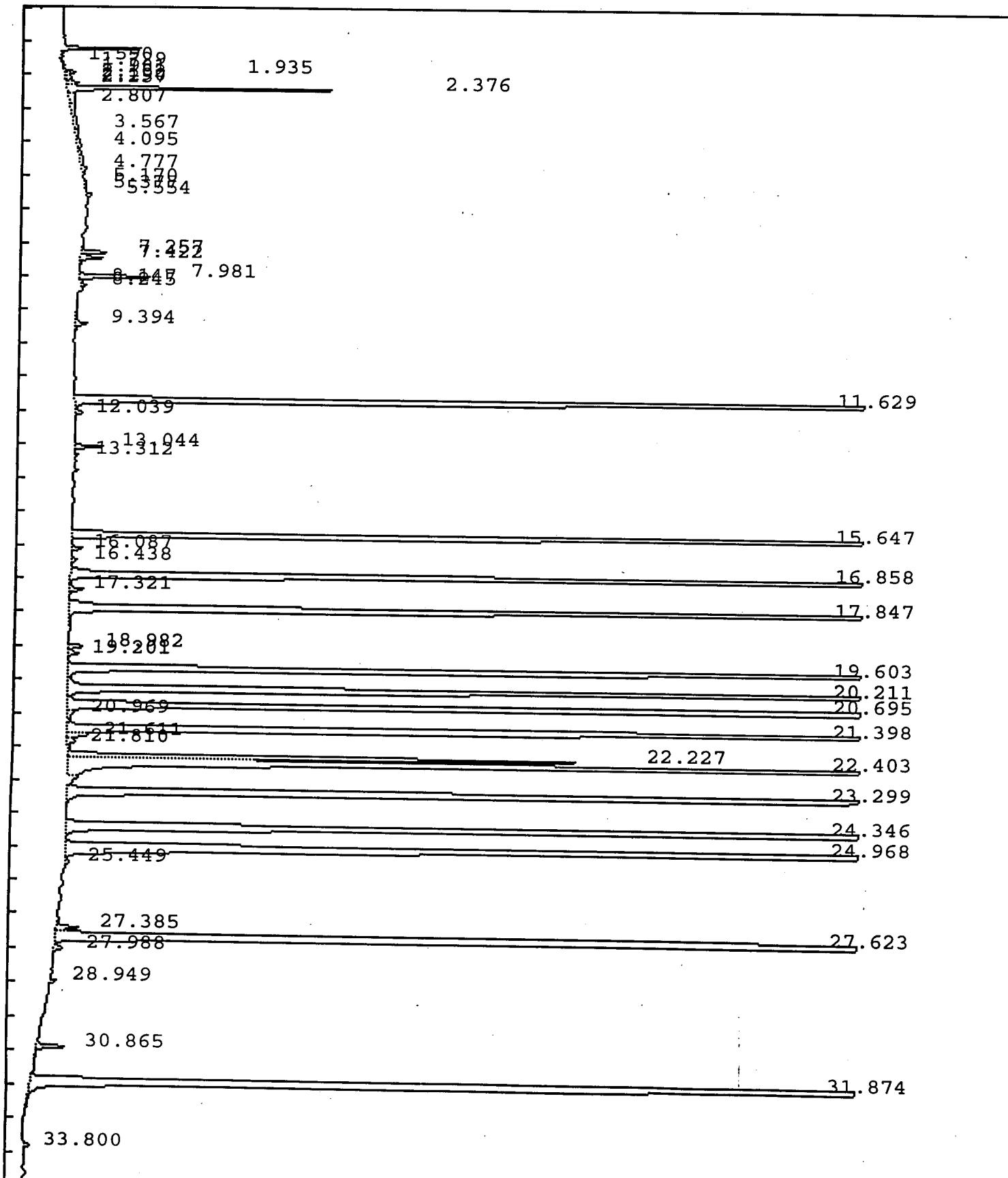
Total Area : 63253944 Total PPB : 15.486

Report Time : 0957 30Apr1998
 Method : /DATA/LOOP/METHOD/B4509A.MTH
 Result File : /DATA/LOOP/RESULT/B4509010.RES

0329

IEA Pesticide Standard Report

Sample Name : INDB5 Inj on 1710 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509011.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



0330

IEA Pesticide Standard Report

Sample Name : INDB5 Report No : 32.10
 Result File : /DATA/LOOP/RESULT/B4509011.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1710 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 11 Bottle no. : 11

% Dil-Fact
100.00

Run Status : SignalOverload

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.59		.030280	2103	BV	0.0000	
2	1.73		.075212	3510	VV	0.0000	
3	1.90		.048205	8349	BV	0.0000	
4	1.93		.071356	13423	VV	0.0000	
5	2.10		.107328	11048	VV	0.0000	
6	2.19		.052122	6292	VV	0.0000	
7	2.26		.063672	16639	VV	0.0000	
8	2.38		.052790	305595	VV	0.0000	
9	2.81		.291697	27037	VV	0.0000	
10	3.57		.606456	48395	VV	0.0000	
11	4.09		.506643	27672	VV	0.0000	
12	4.78		.356729	33806	VV	0.0000	
13	5.17		.100192	4427	PV	0.0000	
14	5.38		.152286	4840	VV	0.0000	
15	5.55		.079977	10248	VB	0.0000	
16	7.26		.070923	36149	VV	0.0000	
17	7.42		.088824	32430	VV	0.0000	
18	7.98		.078249	99171	PV	0.0000	
19	8.15		.062852	3774	VV	0.0000	
20	8.24		.066446	6479	VV	0.0000	
21	9.39		.109374	21495	PV	0.0000	
22	11.63	11.63	.076526	3550748	BV	.6719	Tetrachloro-m-xylene
23	12.04		.105308	12696	VV	0.0000	
24	13.04		.072116	35462	VV	0.0000	
25	13.31		.080531	5486	VV	0.0000	
26	15.65	15.66	.076695	2593143	BV	.7534	beta-BHC
27	16.09		.082992	16181	VB	0.0000	
28	16.44		.103306	8202	BV	0.0000	
29	16.86	16.87	.078726	4812831	GV	.7897	delta-BHC
30	17.32		.083397	20493	VV	0.0000	
31	17.85	17.86	.082444	4346745	PB	.6892	Aldrin
32	18.98		.102459	25456	BV	0.0000	
33	19.20	19.22	.085370	16567	VB	.0034	Isodrin
34	19.60	19.62	.081691	3926676	BV	.6363	Heptachlor epoxide
35	20.21	20.23	.082777	4396762	VV	.6809	gamma-Chlordane
36	20.69	20.71	.082451	4050592	VV	.6844	alpha-Chlordane
37	20.97		.148410	13984	VV	0.0000	
38	21.40	21.41	.102050	6233253	GV	1.1412	4,4'-DDE
39	21.61	21.69	.111546	36997	VV	.0066	Dieldrin
40	21.81		.118187	15983	VV	0.0000	

0331

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	22.23		.090208	789118	VV	0.0000	
42	22.40	22.42	.098532	2413178	VV	.4699	Chlorobenzilate
43	23.30	23.32	.101502	6198219	GV	1.3343	Endosulfan II
44	24.35	24.37	.098756	5357244	BV	1.3795	Endrin aldehyde
45	24.97	24.99	.108382	6619135	GV	1.3772	Endosulfan sulfate
46	25.45		.125118	9046	VV	0.0000	
47	27.38		.102682	34521	VV	0.0000	
48	27.62	27.64	.112986	6913436	GV	1.4419	Endrin ketone
49	27.99		.114672	15756	VB	0.0000	
50	28.95		.089135	9824	PB	0.0000	
51	30.86		.095855	46386	PV	0.0000	
52	31.87	#31.89	.103838	6389036	GV	1.6692	Decachlorobiphenyl
53	33.80		.106528	10415	BV	0.0000	

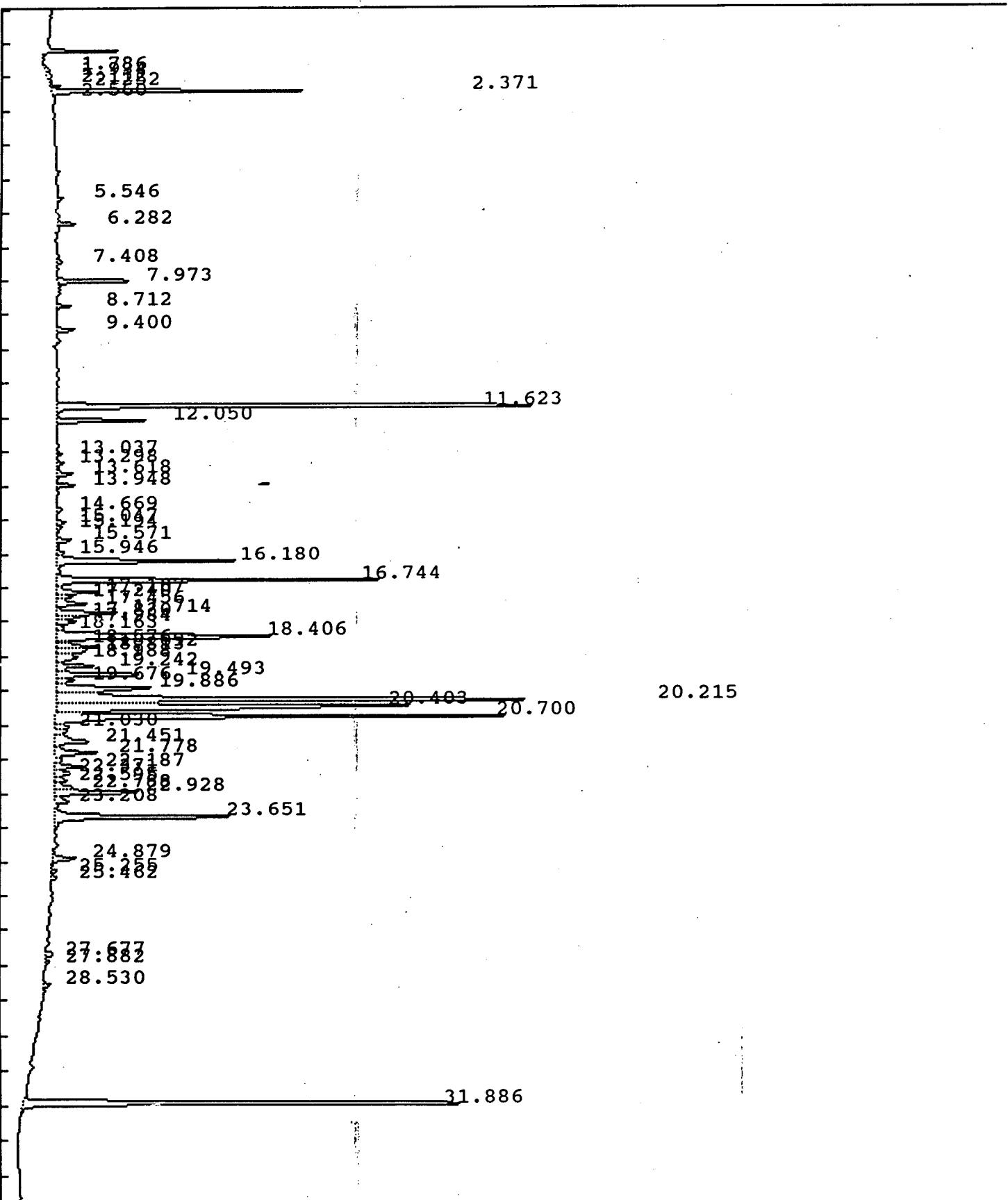
Total Area : 69646464 Total PPB : 13.729

Report Time : 0829 30Apr1998
 Method : /DATA/LOOP/METHOD/B4509A.MTH
 Result File : /DATA/LOOP/RESULT/B4509011.RES

0332

IEA Pesticide Standard Report

Sample Name : TCLR2 0.2ng Inj on 1756 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509012.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : TCLR2 0.2ng Report No : 33.00
 Result File : /DATA/LOOP/RESULT/B4509012.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1756 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 12 Bottle no. : 12

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
1	1.79			.138434	12513	BV	0.0000	
2	1.93			.185260	11963	VV	0.0000	
3	2.11			.112820	5661	VV	0.0000	
4	2.25			.059691	12484	VV	0.0000	
5	2.37			.050113	303549	VV	0.0000	
6	2.56			.054927	1934	VB	0.0000	
7	5.55			.093857	9272	BB	0.0000	
8	6.28			.067591	23025	BV	0.0000	
9	7.41			.092460	7642	VV	0.0000	
10	7.97		-	.077592	112983	BV	0.0000	
11	8.71			.067314	16789	BB	0.0000	
12	9.40			.091111	28579	BB	0.0000	
13	11.62			.073686	739251	BV	0.0000	
14	12.05			.077749	116891	VB	0.0000	
15	13.04			.067480	6212	BB	0.0000	
16	13.30			.084126	9104	BV	0.0000	
17	13.62			.090358	26341	VV	0.0000	
18	13.95			.078648	23965	PB	0.0000	
19	14.67			.098188	9618	BB	0.0000	
20	15.05			.086426	12565	BV	0.0000	
21	15.19			.119564	9877	VB	0.0000	
22	15.57	15.51		.085940	22157	BV	.0034	gamma-BHC (Lindane)
23	15.95			.111616	14654	VV	0.0000	
24	16.18			.090754	263899	VV	0.0000	
25	16.74	2		.083889	438089	VV	0.0000	
26	17.11			.091923	63565	VV	0.0000	
27	17.24			.083625	23175	VV	0.0000	
28	17.46			.112593	54062	VV	0.0000	
29	17.71			.100598	96842	VV	0.0000	
30	17.83			.084798	31685	VV	0.0000	
31	17.98	17.98		.094345	30899	VV	.0049	Aldrin
32	18.16			.109632	13069	VV	0.0000	
33	18.41	3		.127170	440365	VV	0.0000	
34	18.58			.071653	15973	VV	0.0000	
35	18.69			.100605	68084	VV	0.0000	
36	18.81			.120249	57444	VV	0.0000	
37	18.99			.149022	49636	VV	0.0000	
38	19.24			.096312	67714	VV	0.0000	
39	19.49			.087245	146022	VV	0.0000	

0334

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
40	19.68	19.73	.107466		29539	VV	.0048	Heptachlor epoxide
41	19.89		.152299		227456	VV	0.0000	
42	<u>20.22</u>	4	.094586		857213	VV	0.0000	
43	20.40	20.35	.122536		722201	VV	.1118	gamma-Chlordane
44	<u>20.70</u>	6	.091783		666183	VV	0.0000	
45	21.03		.112602		27276	VV	0.0000	
46	21.45	21.52	.147750		85156	VV	.0156	4,4'-DDE
47	21.78	21.82	.119882		78799	VV	.0142	Dieldrin
48	22.19		.104460		47152	VV	0.0000	
49	22.37		.137939		36715	VV	0.0000	
50	22.60	22.54	.109382		20680	VV	.0040	Chlorobenzilate
51	22.79		.104046		30223	VV	0.0000	
52	22.93	22.87	.096998		141984	VV	.0312	Endrin
53	23.21	23.21	.126399		27687	VV	.0064	4,4'-DDD
54	23.65		.102932		323311	VV	0.0000	
55	24.88		.121669		47106	BV	0.0000	
56	25.25		.097066		8961	PV	0.0000	
57	25.46		.129305		13159	VB	0.0000	
58	27.68		.152251		18260	PV	0.0000	
59	27.88	27.79	.096715		8323	PB	.0017	Endrin ketone
60	28.53		.092102		11733	BV	0.0000	
61	31.89		.097609		778458	VV	0.0000	Decachlorobiphenyl

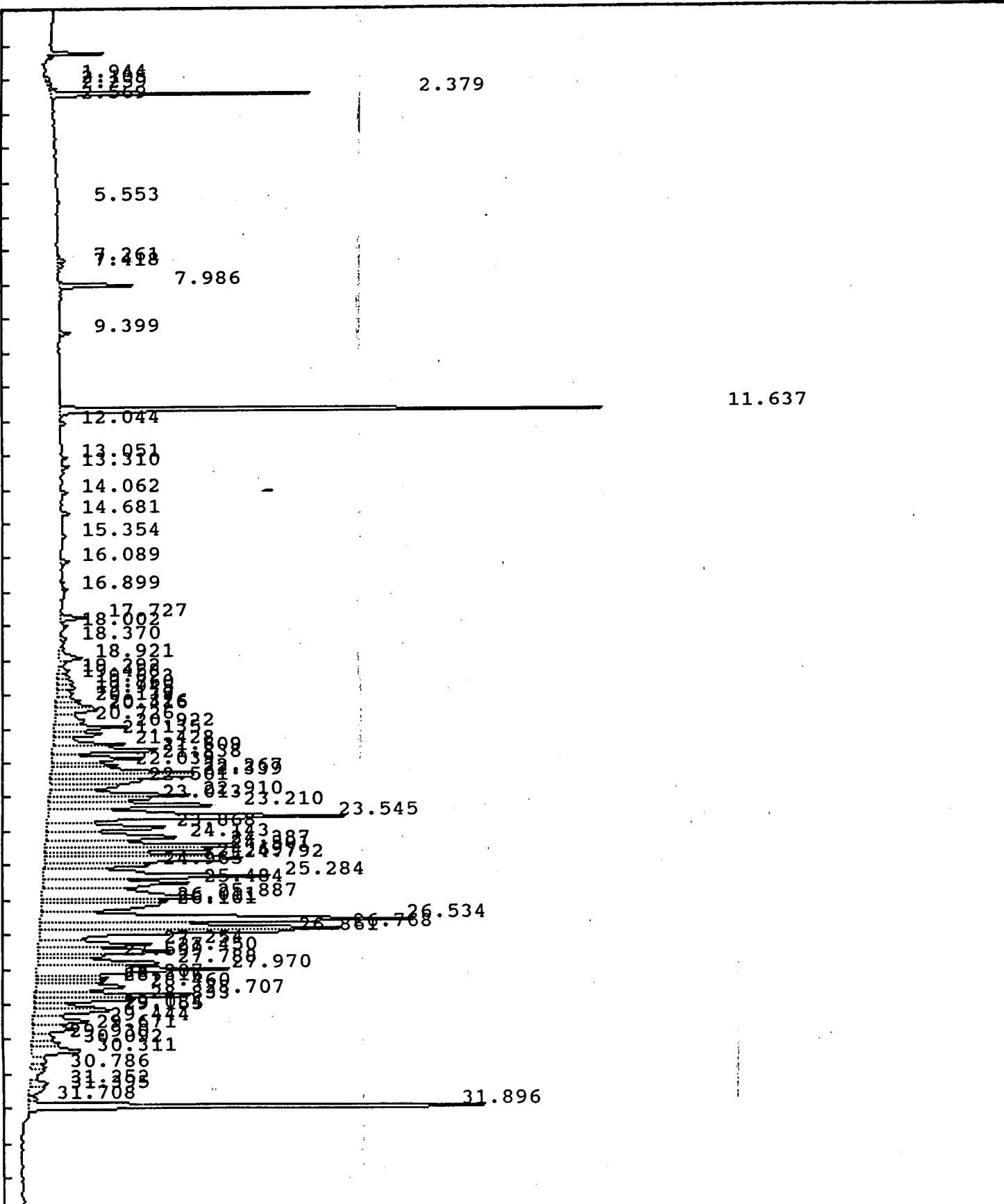
Total Area : 7605125 Total PPB : .198

Report Time : 1851 29Apr1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509012.RES

0335

IEA Pesticide Standard Report

Sample Name : TOXAPH2 0.5ng Inj on 1842 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509013.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



0336

IEA Pesticide Standard Report

Sample Name : TOXAPH2 0.5ng Report No : 34.00
 Result File : /DATA/LOOP/RESULT/B4509013.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.02 Mins. Injected on 1842 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 13 Bottle no. : 13

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.94		.151959	9197	PV	0.0000	
2	2.10		.096472	6646	VV	0.0000	
3	2.26		.062821	11831	VV	0.0000	
4	2.38		.050739	279983	VV	0.0000	
5	2.57		.055127	2021	VB	0.0000	
6	5.55		.074300	4512	BB	0.0000	
7	7.26		.077103	9615	BV	0.0000	
8	7.42		.073202	6785	BV	0.0000	
9	7.99		.077125	101447	BV	0.0000	
10	9.40		.081486	15515	BB	0.0000	
11	11.64		.073259	747474	BV	0.0000	
12	12.04		.093605	8351	VV	0.0000	
13	13.05		.067870	6409	BB	0.0000	
14	13.31		.083462	10004	BV	0.0000	
15	14.06		.062243	7050	BV	0.0000	
16	14.68		.080543	10456	BB	0.0000	
17	15.35		.096179	7057	BB	0.0000	
18	16.09		.090124	12659	BB	0.0000	
19	16.90	16.87	.080631	5920	BV	.0009	Heptachlor
20	17.73		.107654	45551	BV	0.0000	
21	18.00	17.98	.060572	5490	PV	.0009	Aldrin
22	18.37		.100089	10857	BV	0.0000	
23	18.92		.168151	60475	VV	0.0000	
24	19.29	19.34	.124151	22667	VV	.0046	Isodrin
25	19.46		.115511	21890	VV	0.0000	
26	19.62		.139955	32962	VV	0.0000	
27	19.76	19.73	.122956	35415	VV	.0057	Heptachlor epoxide
28	19.95		.147804	35581	VV	0.0000	
29	20.14		.123078	45609	VV	0.0000	
30	20.33	20.35	.126515	76551	VV	.0119	gamma-Chlordane
31	20.42		.115046	76398	VV	0.0000	
32	20.73		.244650	110014	VV	0.0000	
33	20.92	20.89	.122386	140485	VV	.0234	Endosulfan I
34	21.14		.128635	98554	VV	0.0000	
35	21.43		.133567	146902	VV	0.0000	
36	21.61		.130758	237475	VV	0.0000	
37	21.84	21.82	.145112	206637	VV	.0371	Dieldrin
38	22.04		.107582	106594	VV	0.0000	
39	22.27		.138834	307492	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	22.34		.130489	281593	VV	0.0000	
41	22.50	22.54	.134196	181976	VV	.0354	Chlorobenzilate
42	22.91 ²	22.87	.126850	279114	VV	.0614	Endrin
43	23.01 ²	DM 4/15hr	.115539	179438	VV	0.0000	
44	23.21	23.21	.133596	357142	VV	.0823	4,4'-DDD
45	23.54 ³	23.45	.185725	824404	VV	.1775	Endosulfan II
46	23.87		.161308	292366	VV	0.0000	
47	24.14		.210737	408493	VV	0.0000	
48	24.39	24.31	.119424	378901	VV	.0801	4,4'-DDT
49	24.50	24.52	.112134	290061	VV	.0747	Endrin aldehyde
50	24.70		.112118	300377	VV	0.0000	
51	24.79		.136884	408853	VV	0.0000	
52	24.96		.124176	199107	VV	0.0000	
53	25.28 ⁴		.182208	617488	VV	0.0000	
54	25.48		.175631	389503	VV	0.0000	
55	25.89		.230104	545185	VV	0.0000	
56	26.01		.092735	171333	VV	0.0000	
57	26.10		.189297	330658	VV	0.0000	
58	26.53 ⁵		.180767	1008613	VV	0.0000	
59	26.77		.153157	688583	VV	0.0000	
60	26.86 ⁶		.125539	460921	VV	0.0000	
61	27.25		.145854	250995	VV	0.0000	
62	27.45		.167973	325336	VV	0.0000	
63	27.60		.087753	82968	VV	0.0000	
64	27.79	27.79	.151023	283994	VV	.0592	Endrin ketone
65	27.97		.158474	462962	VV	0.0000	
66	28.21	-	.107067	115961	VV	0.0000	
67	28.32		.102674	104696	VV	0.0000	
68	28.46		.173593	238437	VV	0.0000	
69	28.71		.114268	302188	VV	0.0000	
70	28.83		.110337	168071	VV	0.0000	
71	29.08		.117643	120681	VV	0.0000	
72	29.16		.127030	143304	VV	0.0000	
73	29.44		.173996	150518	VV	0.0000	
74	29.67		.158175	104661	VV	0.0000	
75	29.93		.159278	53113	VV	0.0000	
76	30.09		.135332	56690	VV	0.0000	
77	30.31		.199241	148911	VV	0.0000	
78	30.79		.117960	25932	VV	0.0000	
79	31.25		.153502	39697	VV	0.0000	
80	31.40		.200879	46743	VV	0.0000	
81	31.71		.090214	13173	VV	0.0000	
82	31.90		.097309	793376	VV	0.0000	Decachlorobiphenyl

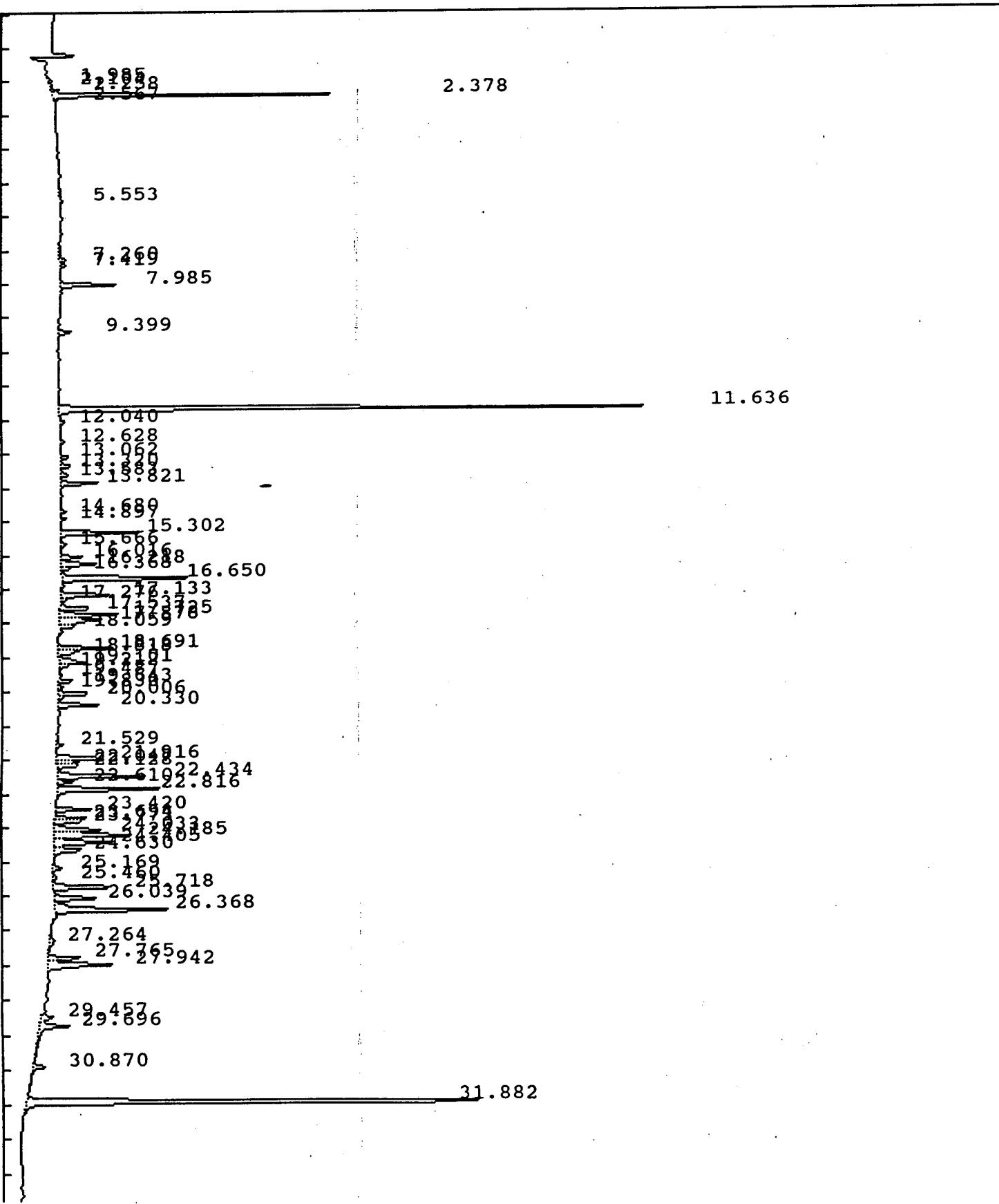
Total Area : 15713046 Total PPB : .655

Report Time : 1926 29Apr1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509013.RES

0338

IEA Pesticide Standard Report

Sample Name : AR16601 0.05ng Inj on 1928 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509014.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR16601 0.05ng Report No : 35.00
 Result File : /DATA/LOOP/RESULT/B4509014.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1928 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ.
 Subseq/Sample : 1/ 14 Bottle no. : 14

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.99		.170278	9394	PV	0.0000	
2	2.10		.098963	5236	VV	0.0000	
3	2.26		.061893	12637	VV	0.0000	
4	2.38		.050937	301488	VV	0.0000	
5	2.57		.052080	1936	VB	0.0000	
6	5.55		.166053	9948	BB	0.0000	
7	7.26		.183072	20051	BV	0.0000	
8	7.42		.081107	7890	VB	0.0000	
9	7.99		.074489	70801	BV	0.0000	
10	9.40		- .080183	16364	BB	0.0000	
11	11.64		.073339	747507	BV	0.0000	
12	12.04		.091029	8275	VB	0.0000	
13	12.63		.092847	6220	BV	0.0000	
14	13.06		.081904	14169	BV	0.0000	
15	13.32		.079218	15680	VV	0.0000	
16	13.58		.094851	12634	VV	0.0000	
17	13.82		.077337	50297	PV	0.0000	
18	14.68		.082844	7344	BV	0.0000	
19	14.90		.077266	7042	VV	0.0000	
20	15.30	2	.093629	116852	BB	0.0000	
21	15.67		.091498	7476	BB	0.0000	
22	16.02		.089871	30671	BV	0.0000	
23	16.22	3	.103806	56274	VV	0.0000	
24	16.37		.069052	9602	VV	0.0000	
25	16.65	4	.106703	209996	VV	0.0000	
26	17.13	5	.085817	77089	BV	0.0000	
27	17.28		.073073	9943	VV	0.0000	
28	17.54		.080360	49684	VV	0.0000	
29	17.72		.084657	80653	VV	0.0000	
30	17.88		.117618	80287	VV	0.0000	
31	18.06	17.98	.075195	18099	VV	.0029	Aldrin
32	18.69		.086908	74392	BV	0.0000	
33	18.82		.080094	24082	VV	0.0000	
34	19.10		.117214	46417	VV	0.0000	
35	19.21		.074008	10872	BV	0.0000	
36	19.49		.066748	4840	BV	0.0000	
37	19.64	19.73	.079140	20476	VV	.0033	Heptachlor epoxide
38	19.83		.071190	6540	VV	0.0000	
39	20.01		.080755	45403	VV	0.0000	

0340

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	20.33	20.35	.081518	53739	VV	.0083	gamma-Chlordane
41	21.53	21.52	.074268	7502	VB	.0014	4,4'-DDE
42	21.92		.101711	77428	BV	0.0000	
43	22.05		.089740	30807	VV	0.0000	
44	22.13		.082261	26386	VV	0.0000	
45	22.43		.088590	133881	VV	0.0000	
46	22.61	22.54	.077901	20388	VV	.0040	Chlorobenzilate
47	22.82	22.87	.085493	146483	PV	.0322	Endrin
48	23.42	23.45	.083951	49390	BV	.0106	Endosulfan II
49	23.69		.090007	45710	VV	0.0000	
50	23.77		.080760	33042	VV	0.0000	
51	24.03		.111517	80821	VV	0.0000	
52	24.18	3	.100570	124656	VV	0.0000	
53	24.40	4	.106347	97924	VV	0.0000	
54	24.63		.115479	54291	VV	0.0000	
55	25.17	25.15	.097474	11398	BV	.0024	Endosulfan sulfate
56	25.46		.109373	6975	PV	0.0000	
57	25.72	5	.101425	97699	VV	0.0000	
58	26.04		.103314	68565	PV	0.0000	
59	26.37	6	.104892	191062	VV	0.0000	
60	27.26		.229659	17145	BB	0.0000	
61	27.76	27.79	.093484	50947	BV	.0106	Endrin ketone
62	27.94	7	.115618	117190	VB	0.0000	
63	29.46		.109603	21816	VV	0.0000	
64	29.70		.146987	70740	VV	0.0000	
65	30.87		.111181	22175	VB	0.0000	
66	31.88		- .097404	784909	BV	0.0000	

Decachlorobiphenyl

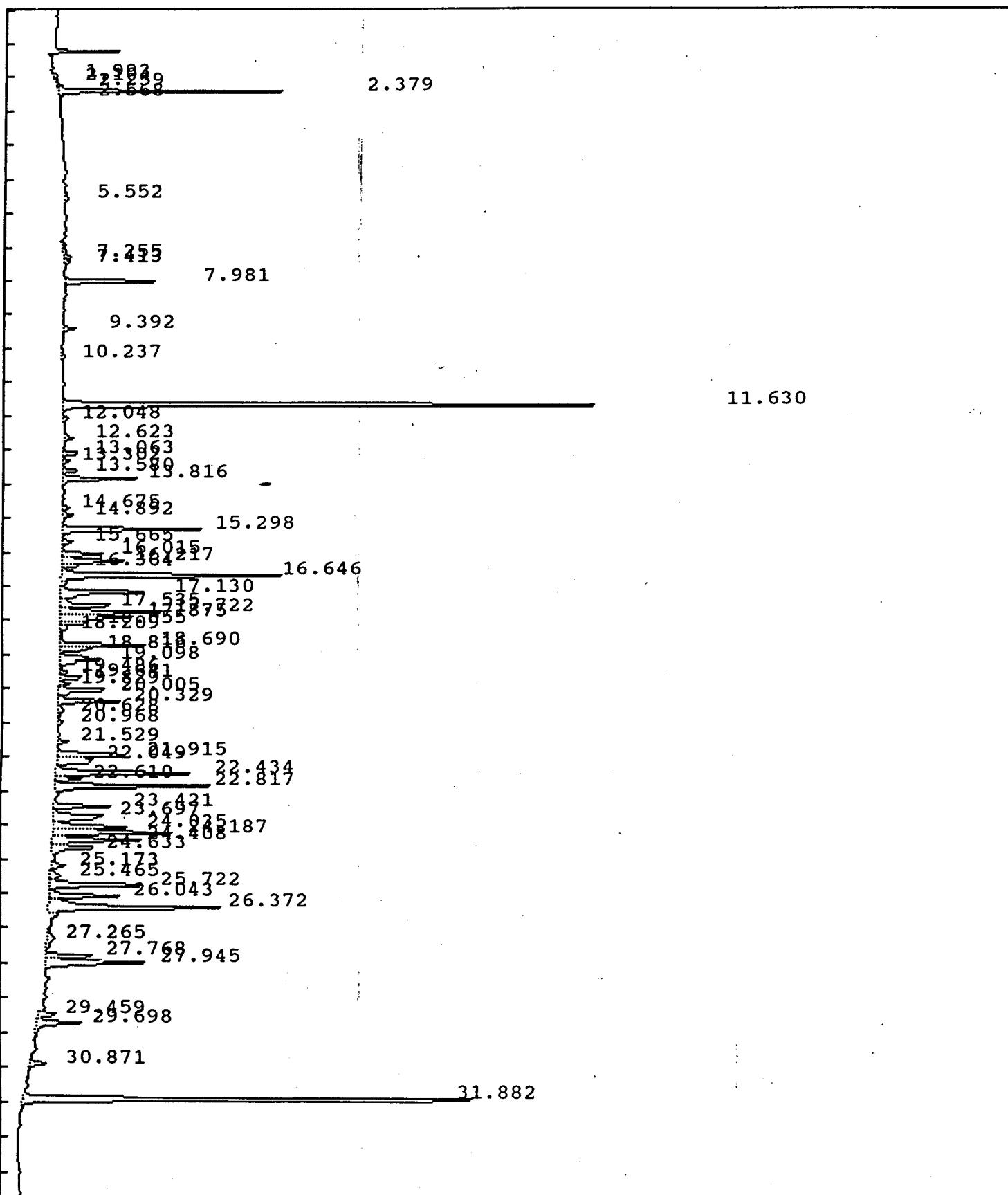
Total Area : 4747628 Total PPB : .076

Report Time : 2008 29Apr1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509014.RES

0341

IEA Pesticide Standard Report

Sample Name : AR16602 0.1ng Inj on 2014 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509015.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



0342

IEA Pesticide Standard Report

Sample Name : AR16602 0.1ng Report No : 36.00
 Result File : /DATA/LOOP/RESULT/B4509015.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 2014 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 15 Bottle no. : 15

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
1	1.99		.170411		11199	PV	0.0000	
2	2.10		.112881		6749	VV	0.0000	
3	2.26		.069149		11819	VV	0.0000	
4	2.38		.050208		238232	VV	0.0000	
5	2.57		.051485		1499	VB	0.0000	
6	5.55		.101215		6765	BB	0.0000	
7	7.26		.201030		27931	PV	0.0000	
8	7.41		.084544		9011	VB	0.0000	
9	7.98		.077682		127812	BV	0.0000	
10	9.39		.080357		15562	BB	0.0000	
11	10.24		.420724		19310	PB	0.0000	
12	11.63		.073575		742985	BV	0.0000	
13	12.05		.097421		8396	PB	0.0000	
14	12.62		.100859		14655	BV	0.0000	
15	13.06		.085192		23525	PV	0.0000	
16	13.30		.087182		7893	VV	0.0000	
17	13.58		.083829		22465	VV	0.0000	
18	13.82		.082754		103493	VV	0.0000	
19	14.68		.091170		10720	BV	0.0000	
20	14.89		.086765		15732	VV	0.0000	
21	15.30		.095998		210439	VV	0.0000	
22	15.67		.120488		20067	VV	0.0000	
23	16.01		.101423		66004	VV	0.0000	
24	16.22		.109996		108630	VV	0.0000	
25	16.36		.082824		24704	VV	0.0000	
26	16.65		.113117		385917	VV	0.0000	
27	17.13		.106277		166204	VV	0.0000	
28	17.53		.089444		90973	VV	0.0000	
29	17.72		.088677		145213	VV	0.0000	
30	17.87		.123585		140827	VV	0.0000	
31	18.06	17.98	.082916		36700	VV	.0058	Aldrin
32	18.21		.117913		16194	VV	0.0000	
33	18.69		.089955		123215	VV	0.0000	
34	18.82		.082923		41281	VV	0.0000	
35	19.10		.151287		101988	VV	0.0000	
36	19.49		.098898		15053	VV	0.0000	
37	19.64	19.73	.087234		38550	VV	.0062	Heptachlor epoxide
38	19.83		.086530		15394	VV	0.0000	
39	20.00		.097600		86619	VV	0.0000	

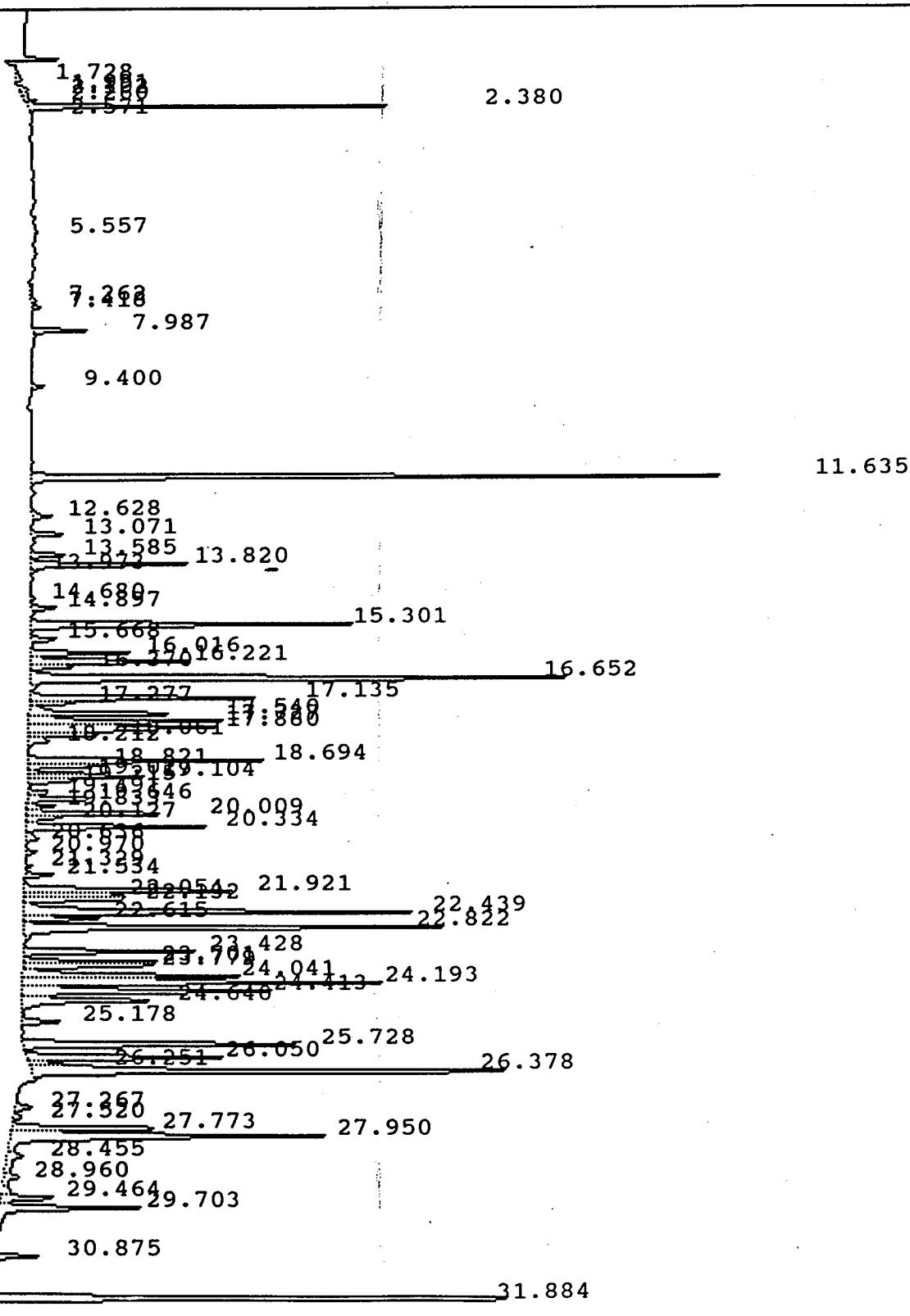
IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	20.33	20.35	.087712	89817	VV	.0139	gamma-Chlordane
41	20.63		.140144	13071	VV	0.0000	
42	20.97	20.89	.103698	7453	VB	.0012	Endosulfan I
43	21.53	21.52	.079461	13219	VB	.0024	4,4'-DDE
44	21.91		.106034	123017	BV	0.0000	
45	22.05		.168540	91656	VV	0.0000	
46	22.43		.092876	210387	VV	0.0000	
47	22.61	22.54	.085735	37000	VV	.0072	Chlorobenzilate
48	22.82	22.87	.091423	233006	VV	.0512	Endrin
49	23.42	23.45	.089489	81265	VV	.0175	Endosulfan II
50	23.70		.162077	130709	VV	0.0000	
51	24.03		.114811	130025	VV	0.0000	
52	24.19		.103519	197110	VV	0.0000	
53	24.41		.111412	153201	VV	0.0000	
54	24.63		.128007	94578	VV	0.0000	
55	25.17	25.15	.124676	27329	VV	.0057	Endosulfan sulfate
56	25.46		.153512	24165	VV	0.0000	
57	25.72		.109525	165841	VV	0.0000	
58	26.04		.114809	123538	VV	0.0000	
59	26.37		.116289	329407	VV	0.0000	
60	27.27		.254507	31140	VV	0.0000	
61	27.77	27.79	.095167	78052	PV	.0163	Endrin ketone
62	27.95		.115157	177245	VB	0.0000	
63	29.46		.106226	30713	VV	0.0000	
64	29.70		.124141	87528	VV	0.0000	
65	30.87		.124216	33942	VV	0.0000	
66	31.88		.098205	785420	VV	0.0000	Decachlorobiphenyl
Total Area	:		6759561	Total PPB	:	.128	
Report Time	:	2054	29Apr1998				
Method	:	/DATA/LOOP/METHOD/B4509.MTH					
Result File	:	/DATA/LOOP/RESULT/B4509015.RES					

0344

IEA Pesticide Standard Report

Sample Name : AR16603 0.2ng Inj on 2100 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509016.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



0345

IEA Pesticide Standard Report

Sample Name : AR16603 0.2ng Report No : 37.00
 Result File : /DATA/LOOP/RESULT/B4509016.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 2100 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1 / 16 Bottle no. : 16

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.73		.117515	10220	BV	0.0000	
2	1.99		.145544	15013	PV	0.0000	
3	2.10		.117856	9834	VV	0.0000	
4	2.26		.072534	16669	VV	0.0000	
5	2.38		.050139	315265	VV	0.0000	
6	2.57		.055194	2091	VB	0.0000	
7	5.56		.076969	5857	BB	0.0000	
8	7.26		.276211	20721	PV	0.0000	
9	7.42		.079766	9851	VB	0.0000	
10	7.99	-	.076954	60409	PV	0.0000	
11	9.40		.079034	14266	BB	0.0000	
12	11.64		.073828	753675	BV	0.0000	
13	12.63		.102433	28160	VB	0.0000	
14	13.07		.080600	37466	BV	0.0000	
15	13.58		.078241	40010	BV	0.0000	
16	13.82		.080484	186037	VV	0.0000	
17	13.97		.069614	6817	VB	0.0000	
18	14.68		.087801	5508	BV	0.0000	
19	14.90		.082788	30135	VV	0.0000	
20	15.30		.096230	412218	PV	0.0000	
21	15.67		.093998	31482	PV	0.0000	
22	16.02		.082088	110462	BV	0.0000	
23	16.22		.108012	222301	VV	0.0000	
24	16.37		.079989	48128	VV	0.0000	
25	16.65		.110733	792777	VV	0.0000	
26	17.13		.092687	306928	VV	0.0000	
27	17.28		.076862	45620	VV	0.0000	
28	17.54		.087251	203255	VV	0.0000	
29	17.73		.086070	238410	VV	0.0000	
30	17.88		.124954	317542	VV	0.0000	
31	18.06		.082078	82659	VV	0.0000	
32	18.21		.099746	31644	VB	0.0000	
33	18.69		.088755	277895	BV	0.0000	
34	18.82		.082090	95788	VV	0.0000	
35	19.03		.061267	54008	VV	0.0000	
36	19.10		.087054	136478	VV	0.0000	
37	19.22		.076939	46401	VV	0.0000	
38	19.49		.079073	27402	VV	0.0000	
39	19.65	19.73	.085158	88211	VV	.0143	Heptachlor epoxide

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	19.83		.081018	33106	VV	0.0000	
41	20.01		.085836	180411	VV	0.0000	
42	20.13		.073906	29025	VV	0.0000	
43	20.33	20.35	.088214	213820	VV	.0331	gamma-Chlordane
44	20.64		.134913	21700	VV	0.0000	
45	20.97	20.89	.081333	13224	VB	.0022	Endosulfan I
46	21.33		.074361	6909	BV	0.0000	
47	21.53	21.52	.076846	32660	VV	.0060	4,4'-DDE
48	21.92		.107034	308296	PV	0.0000	
49	22.05		.091558	120225	VV	0.0000	
50	22.13		.086541	110484	VV	0.0000	
51	22.44		.095146	505725	VV	0.0000	
52	22.61	22.54	.085335	93221	VV	.0182	Chlorobenzilate
53	22.82	22.87	.092754	566296	VV	.1245	Endrin
54	23.43	23.45	.086844	200224	VV	.0431	Endosulfan II
55	23.70		.093895	181716	VV	0.0000	
56	23.78		.081625	128011	VV	0.0000	
57	24.04		.113841	319317	VV	0.0000	
58	24.19		.101827	483131	VV	0.0000	
59	24.41		.103833	349236	VV	0.0000	
60	24.64		.117478	214499	VV	0.0000	
61	25.18	25.15	.099903	49889	VV	.0104	Endosulfan sulfate
62	25.73		.102983	379652	PV	0.0000	
63	26.05		.106470	272623	PV	0.0000	
64	26.25		.068584	54177	VV	0.0000	
65	26.38		.100077	715818	VV	0.0000	
66	27.27		.124624	29496	BV	0.0000	
67	27.52		.097374	10232	VV	0.0000	
68	27.77	27.79	.096626	212092	VV	.0442	Endrin ketone
69	27.95		.121703	499041	VV	0.0000	
70	28.45		.252757	52806	VV	0.0000	
71	28.96		.186144	38057	VV	0.0000	
72	29.46		.102760	79679	VV	0.0000	
73	29.70		.122794	231693	VV	0.0000	
74	30.87		.129971	86052	VV	0.0000	
75	31.88		.098458	806947	VV	0.0000	Decachlorobiphenyl

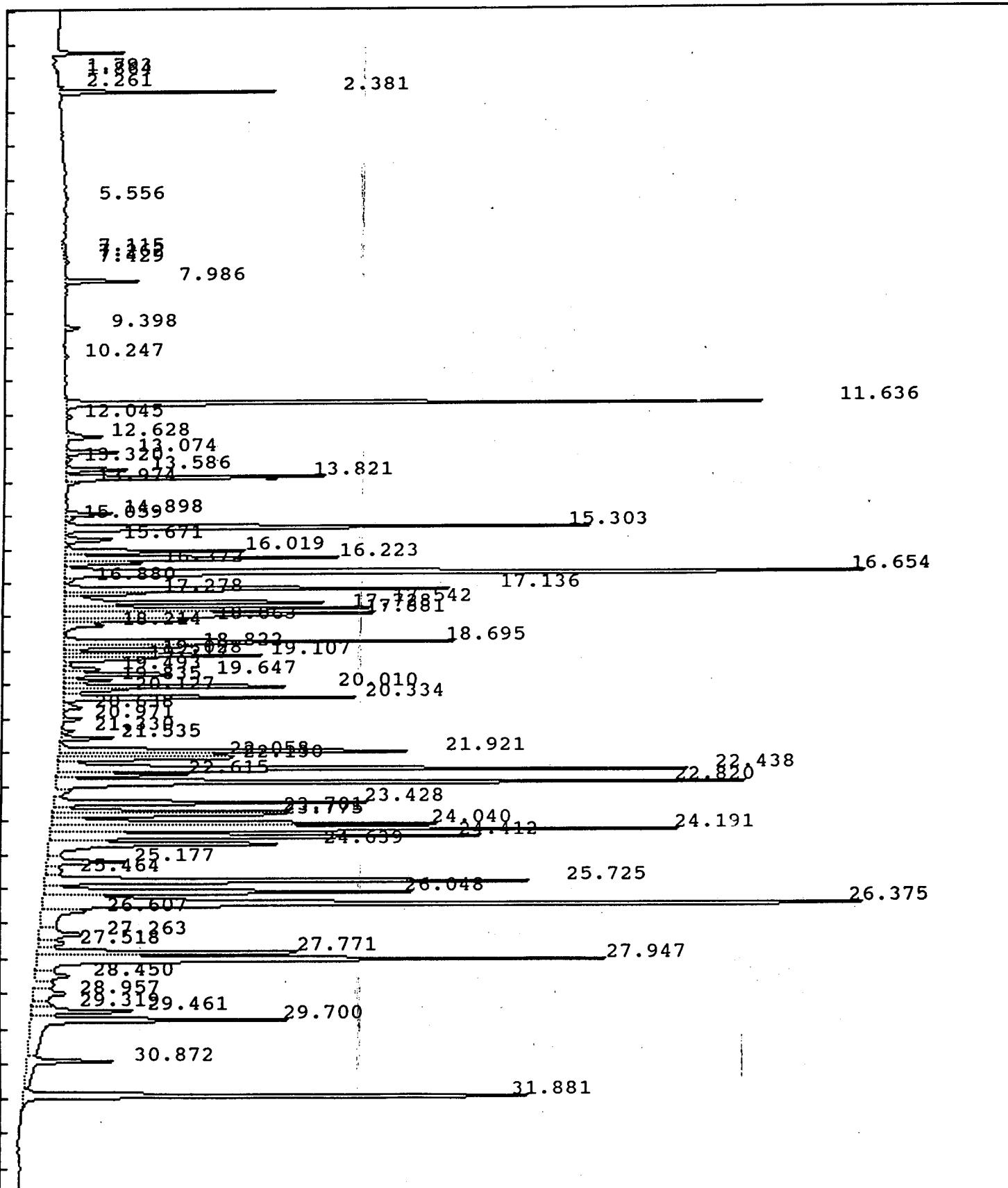
Total Area : 12767100 Total PPB : .296

Report Time : 2151 29Apr1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509016.RES

0347

IEA Pesticide Standard Report

Sample Name : AR16604 0.4ng Inj on 2146 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509017.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR16604 0.4ng Report No : 38.00
 Result File : /DATA/LOOP/RESULT/B4509017.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 2146 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 17 Bottle no. : 17

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.79		.161660	4684	BV	0.0000	
2	1.86		.046605	723	VB	0.0000	
3	2.26		.054469	6637	BV	0.0000	
4	2.38		.049633	218268	PV	0.0000	
5	5.56		.067119	4281	BB	0.0000	
6	7.11		.338839	16964	PV	0.0000	
7	7.26		.102569	4950	VV	0.0000	
8	7.43		.081904	6359	VB	0.0000	
9	7.99		.079220	98815	BV	0.0000	
10	9.40		.077950	17799	BB	0.0000	
11	10.25		.085748	4695	BB	0.0000	
12	11.64		.074034	893764	BV	0.0000	
13	12.04		.099210	8671	VV	0.0000	
14	12.63		.099934	54901	PV	0.0000	
15	13.07		.082123	75381	BV	0.0000	
16	13.32		.080568	7228	VV	0.0000	
17	13.59		.080667	84921	PV	0.0000	
18	13.82		.081797	370167	VV	0.0000	
19	13.97		.069913	16022	VB	0.0000	
20	14.90		.083375	62945	PV	0.0000	
21	15.06		.086718	11730	VV	0.0000	
22	15.30		.098329	805461	VV	0.0000	
23	15.67		.101688	75703	VV	0.0000	
24	16.02		.085115	241761	VV	0.0000	
25	16.22		.109969	454846	VV	0.0000	
26	16.37		.080808	102698	VV	0.0000	
27	16.65		.111952	1563267	VV	0.0000	
28	16.88	16.87	.123472	17854	VV	.0027	Heptachlor
29	17.14		.094760	617454	VV	0.0000	
30	17.28		.074173	89369	VV	0.0000	
31	17.54		.088191	430914	VV	0.0000	
32	17.73		.087003	447909	VV	0.0000	
33	17.88		.128556	635617	VV	0.0000	
34	18.06		.083796	173224	VV	0.0000	
35	18.21		.104526	71141	VV	0.0000	
36	18.69		.090281	551788	VV	0.0000	
37	18.82		.083461	198093	VV	0.0000	
38	19.03		.064211	115795	VV	0.0000	
39	19.11		.086442	269325	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	19.22		.077799	99991	VV	0.0000	
41	19.49		.080575	57332	VV	0.0000	
42	19.65	19.73	.086731	180171	VV	.0292	Heptachlor epoxide
43	19.83		.080709	67164	VV	0.0000	
44	20.01		.087305	352852	VV	0.0000	
45	20.13		.072848	57067	VV	0.0000	
46	20.33	20.35	.088423	410291	VV	.0635	gamma-Chlordane
47	20.64		.124692	37214	VV	0.0000	
48	20.97	20.89	.080758	26779	PV	.0045	Endosulfan I
49	21.33		.083934	17205	BV	0.0000	
50	21.53	21.52	.080351	72045	VV	.0132	4,4'-DDE
51	21.92		.110342	626697	VV	0.0000	
52	22.06		.090656	236977	VV	0.0000	
53	22.13		.091707	238031	VV	0.0000	
54	22.44		.096682	986025	VV	0.0000	
55	22.61	22.54	.088018	193061	VV	.0376	Chlorobenzilate
56	22.82	22.87	.094596	1104688	VV	.2428	Endrin
57	23.43	23.45	.091414	449743	VV	.0968	Endosulfan II
58	23.70		.098552	393366	VV	0.0000	
59	23.77		.082453	263796	VV	0.0000	
60	24.04		.116004	678747	VV	0.0000	
61	24.19		.104800	1017925	VV	0.0000	
62	24.41		.107570	725694	VV	0.0000	
63	24.64		.133717	515495	VV	0.0000	
64	25.18	25.15	.126272	152185	VV	.0317	Endosulfan sulfate
65	25.46		.192623	48965	VV	0.0000	
66	25.73	-	.110098	851053	VV	0.0000	
67	26.05		.116036	645737	VV	0.0000	
68	26.38		.117338	1786051	VV	0.0000	
69	26.61		.252363	162115	VV	0.0000	
70	27.26		.196904	135312	VV	0.0000	
71	27.52		.146770	61758	VV	0.0000	
72	27.77	27.79	.102944	484933	VV	.1011	Endrin ketone
73	27.95		.126985	1111360	VV	0.0000	
74	28.45		.193674	103097	VV	0.0000	
75	28.96		.200212	104852	VV	0.0000	
76	29.32		.141173	48262	VV	0.0000	
77	29.46		.107461	182302	VV	0.0000	
78	29.70		.143726	574923	VV	0.0000	
79	30.87		.153022	212956	VV	0.0000	
80	31.88		.099879	878266	VB	0.0000	Decachlorobiphenyl

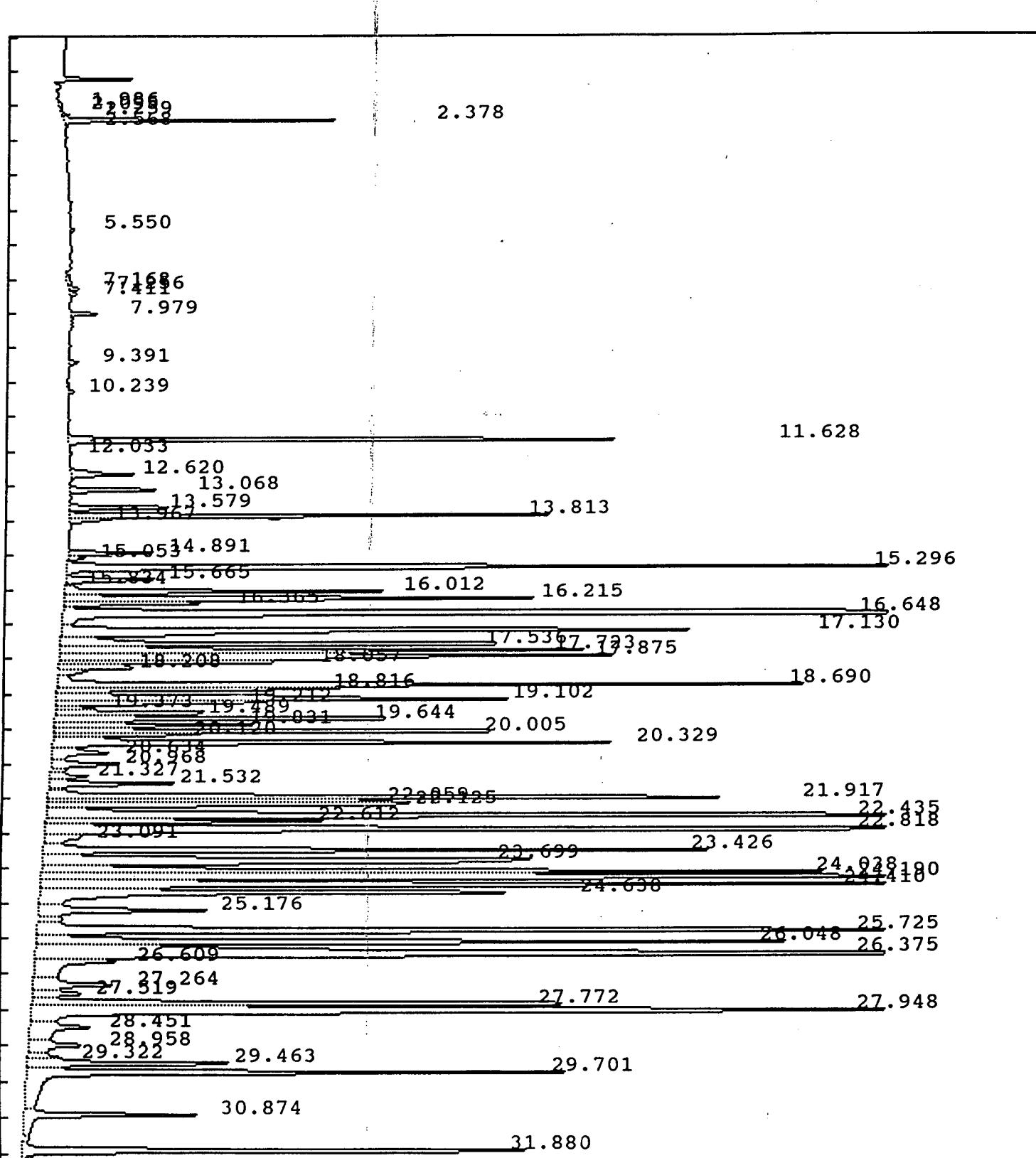
Total Area : 25184616 Total PPB : .623

Report Time : 2229 29Apr1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509017.RES

0350

IEA Pesticide Standard Report

Sample Name : AR16605 0.8ng Inj on 2232 29Apr1998
Result File : /DATA/LOOP/RESULT/B4509018.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR16605 0.8ng Report No : 39.00
 Result File : /DATA/LOOP/RESULT/B4509018.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 2232 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 18 Bottle no. : 18

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.99		.181989	9479	PV	0.0000	
2	2.09		.097891	3878	VV	0.0000	
3	2.26		.061331	11806	VV	0.0000	
4	2.38		.050316	281936	VV	0.0000	
5	2.57		.051061	1637	VB	0.0000	
6	5.55		.084918	6230	BB	0.0000	
7	7.17		.334068	20644	PV	0.0000	
8	7.26		.079703	14796	VV	0.0000	
9	7.41		.080719	10242	VB	0.0000	
10	7.98		- .076168	37478	BV	0.0000	
11	9.39		.086479	12149	BB	0.0000	
12	10.24		.137508	15799	PB	0.0000	
13	11.63		.073684	764849	BV	0.0000	
14	12.03		.104491	6316	VB	0.0000	
15	12.62		.105165	103184	BV	0.0000	
16	13.07		.080929	131342	BV	0.0000	
17	13.58		.081166	154725	BV	0.0000	
18	13.81		.082864	638977	VV	0.0000	
19	13.97		.072380	33537	VB	0.0000	
20	14.89		.084660	111954	BV	0.0000	
21	15.05		.089459	24167	VV	0.0000	
22	15.30		.099457	1334189	VV	0.0000	
23	15.67		.104603	142129	VV	0.0000	
24	15.83	15.77	.079192	11148	VV	.0032	beta-BHC
25	16.01		.083870	422267	VV	0.0000	
26	16.22		.112385	787147	VV	0.0000	
27	16.37		.082651	191215	VV	0.0000	
28	16.65		.114176	2700591	VV	0.0000	
29	17.13		.112671	1253921	VV	0.0000	
30	17.54		.090310	801210	VV	0.0000	
31	17.72		.087900	731608	VV	0.0000	
32	17.88		.131903	1115783	VV	0.0000	
33	18.06	17.98	.085846	316871	VV	.0502	Aldrin
34	18.21		.097822	128262	VV	0.0000	
35	18.69		.095355	1087206	VV	0.0000	
36	18.82		.087292	399005	VV	0.0000	
37	19.10		.124819	872210	VV	0.0000	
38	19.21		.080583	233243	VV	0.0000	
39	19.37	19.34	.075858	46142	VV	.0094	Isodrin

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	19.49		.085371	249305	VV	0.0000	
41	19.64	19.73	.090997	585625	VV	.0949	Heptachlor epoxide
42	19.83		.087628	277787	VV	0.0000	
43	20.01		.092363	763123	VV	0.0000	
44	20.12		.072129	130754	VV	0.0000	
45	20.33	20.35	.095962	852802	VV	.1321	
46	20.63		.170646	154006	VV	0.0000	
47	20.97	20.89	.111458	122150	VV	.0203	Endosulfan I
48	21.33		.118796	72196	VV	0.0000	
49	21.53	21.52	.095784	191258	VV	.0350	4,4'-DDE
50	21.92		.113850	1255360	VV	0.0000	
51	22.06		.085383	439012	VV	0.0000	
52	22.13		.097914	516585	VV	0.0000	
53	22.43		.099452	1900177	VV	0.0000	
54	22.61	22.54	.091207	400124	VV	.0779	Chlorobenzilate
55	22.82	22.87	.095813	2135151	VV	.4694	Endrin
56	23.09		.166492	96003	VV	0.0000	
57	23.43	23.45	.092747	941402	VV	.2027	Endosulfan II
58	23.70		.165919	1302302	VV	0.0000	
59	24.04		.116989	1358432	VV	0.0000	
60	24.19		.105563	2036591	VV	0.0000	
61	24.41		.107763	1408493	VV	0.0000	
62	24.64		.132297	1036182	VV	0.0000	
63	25.18	25.15	.129117	326454	VV	.0679	Endosulfan sulfate
64	25.73		.111137	1681938	VV	0.0000	
65	26.05		.116651	1292260	VV	0.0000	
66	26.37		.116903	3582607	VV	0.0000	
67	26.61		.227263	268583	VV	0.0000	
68	27.26		.168195	216444	VV	0.0000	
69	27.52		.140737	106968	VV	0.0000	
70	27.77	27.79	.102586	973662	VV	.2031	Endrin ketone
71	27.95		.124860	2230757	VV	0.0000	
72	28.45		.244768	223613	VV	0.0000	
73	28.96		.185987	156281	VV	0.0000	
74	29.32		.124155	63572	VV	0.0000	
75	29.46		.101662	344856	VV	0.0000	
76	29.70		.123226	1020397	VV	0.0000	
77	30.87		.120333	329077	VV	0.0000	
78	31.88		.101099	867386	VB	0.0000	Decachlorobiphenyl

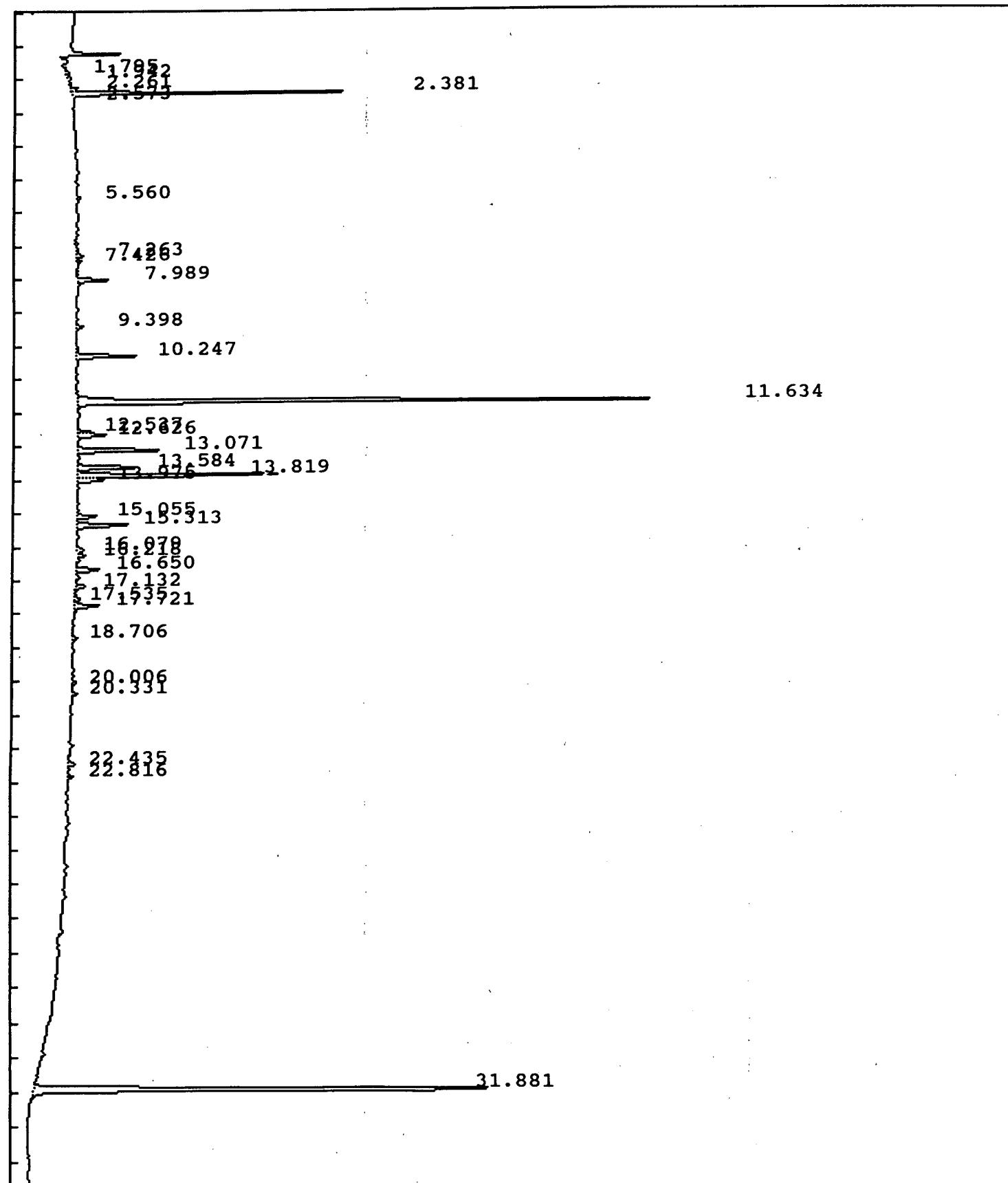
Total Area : 46878968 Total PPB : 1.366

Report Time : 2314 29Apr1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509018.RES

0353

IEA Pesticide Standard Report

Sample Name : AR12212 0.2ng Inj on 2318 29Apr1998
Result File : ./DATA/LOOP/RESULT/B4509019.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12212 0.2ng Report No : 40.01
 Result File : /DATA/LOOP/RESULT/B4509019.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 2318 29Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 19 Bottle no. : 19

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.79		.130040	9037	VV	0.0000	
2	1.94		.186716	9249	VV	0.0000	
3	2.26		.075834	14612	VV	0.0000	
4	2.38		.050251	283228	VV	0.0000	
5	2.57		.050319	1394	VB	0.0000	
6	5.56		.076091	5987	BB	0.0000	
7	7.26		.142406	19381	PV	0.0000	
8	7.43		.077119	6137	VB	0.0000	
9	7.99		.067055	34671	BV	0.0000	
10	9.40	-	.080515	8491	BB	0.0000	
11	10.25		.081762	85499	BB	0.0000	
12	11.63		.076074	785562	BV	0.0000	
13	12.54		.063489	13835	BV	0.0000	
14	12.63	1	.088666	39831	VB	0.0000	
15	13.072		.079775	119214	BV	0.0000	
16	13.583	3	.079851	86357	BV	0.0000	
17	13.824	4	.080681	261429	VV	0.0000	
18	13.98		.076789	34410	VB	0.0000	
19	15.06		.084772	28001	PV	0.0000	
20	15.314		.091124	80632	VB	0.0000	
21	16.08		.123216	11764	BV	0.0000	
22	16.22		.091086	10942	VV	0.0000	
23	16.65		.102613	38517	BV	0.0000	
24	17.13		.089586	17282	BV	0.0000	
25	17.54		.084860	10456	PV	0.0000	
26	17.72		.101216	40857	VB	0.0000	
27	18.71		.103490	9483	BB	0.0000	
28	20.01		.081925	7368	PB	0.0000	
29	20.33	20.35	.084981	7968	BB	.0012	gamma-Chlordane
30	22.43		.084693	9824	BV	0.0000	
31	22.82	22.87	.072169	6736	BB	.0015	Endrin
32	31.88		.097550	791131	BB	0.0000	Decachlorobiphenyl

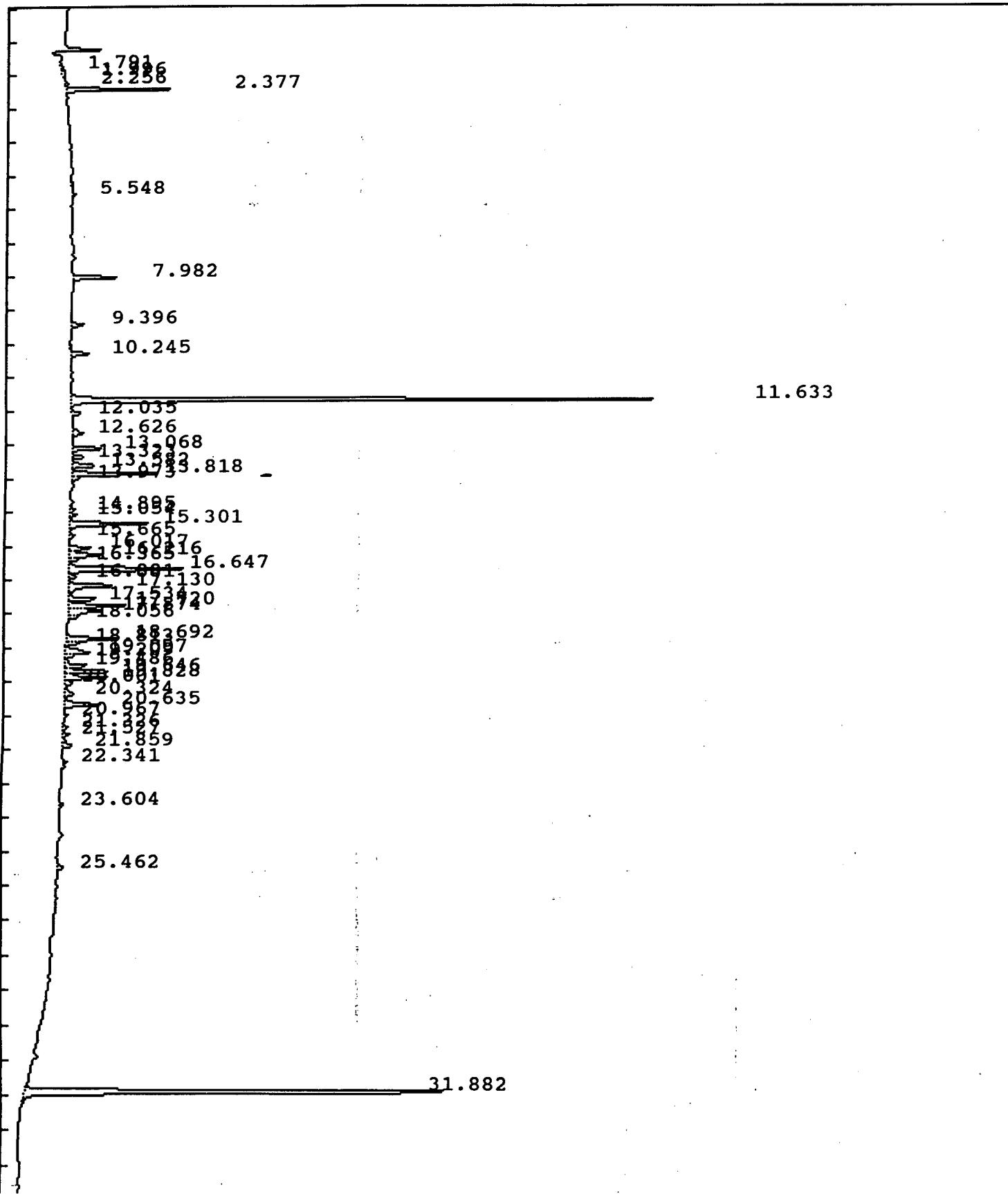
Total Area : 2889284 Total PPB : .003

Report Time : 0726 01May1998
 Method : /DATA/LOOP/METHOD/B4509B.MTH
 Result File : /DATA/LOOP/RESULT/B4509019.RES

0355

IEA Pesticide Standard Report

Sample Name : AR12322 0.1ng Inj on 0004 30Apr1998
Result File : /DATA/LOOP/RESULT/B4509020.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12322 0.1ng Report No : 41.01
 Result File : /DATA/LOOP/RESULT/B4509020.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0004 30Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 20 Bottle no. : 20

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.79		.177811	9010	BV	0.0000	
2	2.00		.227517	9143	VV	0.0000	
3	2.26		.111307	7990	VV	0.0000	
4	2.38		.049707	114145	VV	0.0000	
5	5.55		.182471	11659	BB	0.0000	
6	7.98		.075317	59912	BV	0.0000	
7	9.40		.086742	17174	BB	0.0000	
8	10.24		.102451	33095	PB	0.0000	
9	11.63		.074294	779667	BV	0.0000	
10	12.03		.078588	14588	PB	0.0000	
11	12.63		.106616	19317	BV	0.0000	
12	13.07		.081153	45026	BV	0.0000	
13	13.32		.073176	17275	VV	0.0000	
14	13.58		.094275	40484	VV	0.0000	
15	13.82 ²		.079023	116964	VV	0.0000	
16	13.97		.071589	9581	VB	0.0000	
17	14.89		.081950	7249	VV	0.0000	
18	15.05		.090094	9400	VV	0.0000	
19	15.30 ³		.095954	119709	VV	0.0000	
20	15.67		.100957	8639	VB	0.0000	
21	16.02		.102862	33486	BV	0.0000	
22	16.22		.107451	55000	VV	0.0000	
23	16.37		.077761	12374	VV	0.0000	
24	16.65 ⁴		.110028	195751	VV	0.0000	
25	16.88	16.87	.105646	11680	VV	.0018	Heptachlor
26	17.13		.100302	82786	VV	0.0000	
27	17.53		.082139	45420	VV	0.0000	
28	17.72 ⁶		.086793	80799	VV	0.0000	
29	17.87		.117490	64475	VV	0.0000	
30	18.06	17.98	.075311	13850	VV	.0022	Aldrin
31	18.69 ⁷		.090182	72905	BV	0.0000	
32	18.81		.078810	20644	VV	0.0000	
33	19.10		.117707	45350	VV	0.0000	
34	19.21		.075849	10442	VV	0.0000	
35	19.49		.083729	33501	VV	0.0000	
36	19.65	19.73	.081801	70616	VV	.0114	Heptachlor epoxide
37	19.83		.080422	56044	VV	0.0000	
38	20.00		.086583	11843	VV	0.0000	
39	20.32	20.35	.124300	18860	VV	.0029	gamma-Chlordane

IEA Pesticide Standard Report

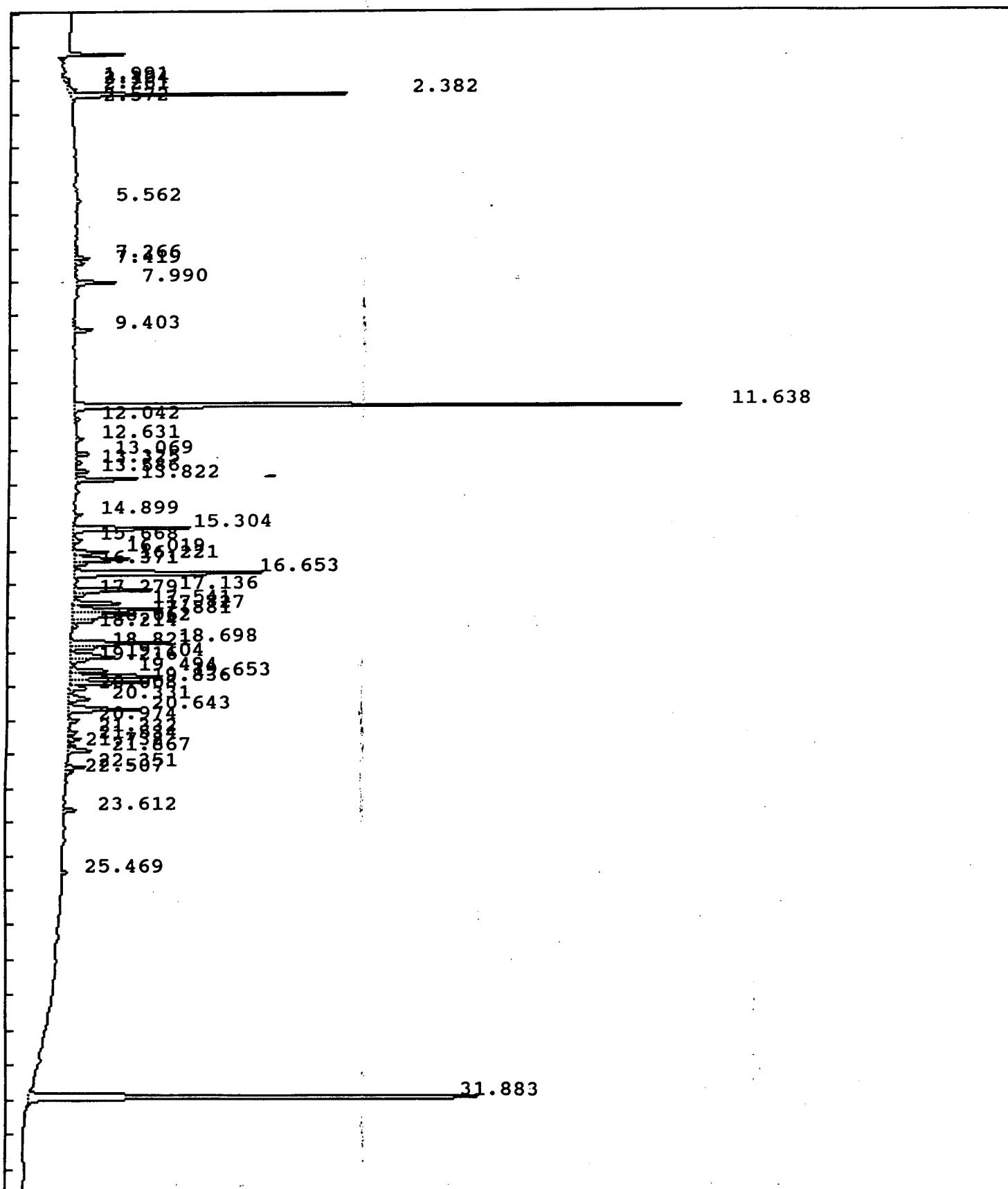
Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	20.64		.098671	58951	VV	0.0000	
41	20.97	20.89	.083842	6444	VV	.0011	Endosulfan I
42	21.33		.091130	6810	BV	0.0000	
43	21.53	21.52	.081206	7803	VV	.0014	4,4'-DDE
44	21.86	21.82	.093233	16477	VV	.0030	Dieldrin
45	22.34		.066743	5916	BV	0.0000	
46	23.60		.092573	8591	BB	0.0000	
47	25.46		.116655	13137	BV	0.0000	
48	31.88		.097074	731004	PB	0.0000	Decachlorobiphenyl

Total Area : 3240985 Total PPB : .024

Report Time : 0729 01May1998
 Method : /DATA/LOOP/METHOD/B4509B.MTH
 Result File : /DATA/LOOP/RESULT/B4509020.RES

IEA Pesticide Standard Report

Sample Name : AR12422 0.1ng Inj on 0050 30Apr1998
Result File : /DATA/LOOP/RESULT/B4509021.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12422 0.1ng Report No : 42.01
 Result File : /DATA/LOOP/RESULT/B4509021.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0050 30Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 21 Bottle no. : 21

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.99		.161588	12912	PV	0.0000	
2	2.10		.107204	7094	VV	0.0000	
3	2.26		.070048	14097	VV	0.0000	
4	2.38		.050428	284928	VV	0.0000	
5	2.57		.053122	1808	VB	0.0000	
6	5.56		.068693	6792	BB	0.0000	
7	7.27		.099552	26070	PV	0.0000	
8	7.42		.074954	10210	VB	0.0000	
9	7.99		.073579	48962	BV	0.0000	
10	9.40		.100886	33007	BB	0.0000	
11	11.64		.073309	766813	BV	0.0000	
12	12.04		.088647	8055	PB	0.0000	
13	12.63		.094524	12001	BV	0.0000	
14	13.07		.081906	21710	BV	0.0000	
15	13.32		.070118	7859	PV	0.0000	
16	13.59		.082337	20563	PV	0.0000	
17	13.82		.076907	86090	PV	0.0000	
18	14.90		.076611	10545	BV	0.0000	
19	15.30	2	.095401	178912	BV	0.0000	
20	15.67		.099839	13993	VB	0.0000	
21	16.02		.095607	52557	BV	0.0000	
22	16.22		.105481	90966	VV	0.0000	
23	16.37		.072646	16492	VB	0.0000	
24	16.65	4	.108996	327622	BV	0.0000	
25	17.14	5	.088623	122689	PV	0.0000	
26	17.28		.073096	15723	VV	0.0000	
27	17.54		.081803	78018	VV	0.0000	
28	17.73		.086334	133214	VV	0.0000	
29	17.88		.118986	124447	VV	0.0000	
30	18.06		.077757	27986	VV	0.0000	
31	18.21		.074472	7500	VV	0.0000	
32	18.70	7	.089696	139738	BV	0.0000	
33	18.82		.080076	41089	VV	0.0000	
34	19.10		.120998	87920	VV	0.0000	
35	19.22		.077001	19673	VV	0.0000	
36	19.49		.078547	60359	VV	0.0000	
37	19.65	19.73	.083232	143542	VV	.0233	Heptachlor epoxide
38	19.84		.081566	111157	VV	0.0000	
39	20.01		.086819	27707	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	20.33	20.35	.120090	42130	VV	.0065	gamma-Chlordane
41	20.64		.102612	119114	VV	0.0000	
42	20.97	20.89	.089257	17045	VV	.0028	Endosulfan I
43	21.33		.089745	16074	PV	0.0000	
44	21.53	21.52	.078932	18172	VV	.0033	4,4'-DDE
45	21.73		.070073	9422	PV	0.0000	
46	21.87	21.82	.090660	38712	VB	.0070	Dieldrin
47	22.35		.085070	26571	PV	0.0000	
48	22.51	22.54	.087466	10588	VB	.0021	Chlorobenzilate
49	23.61		.096860	20605	PB	0.0000	
50	25.47		.111350	8688	BB	0.0000	
51	31.88		.097520	805928	PV	0.0000	Decachlorodiphenyl

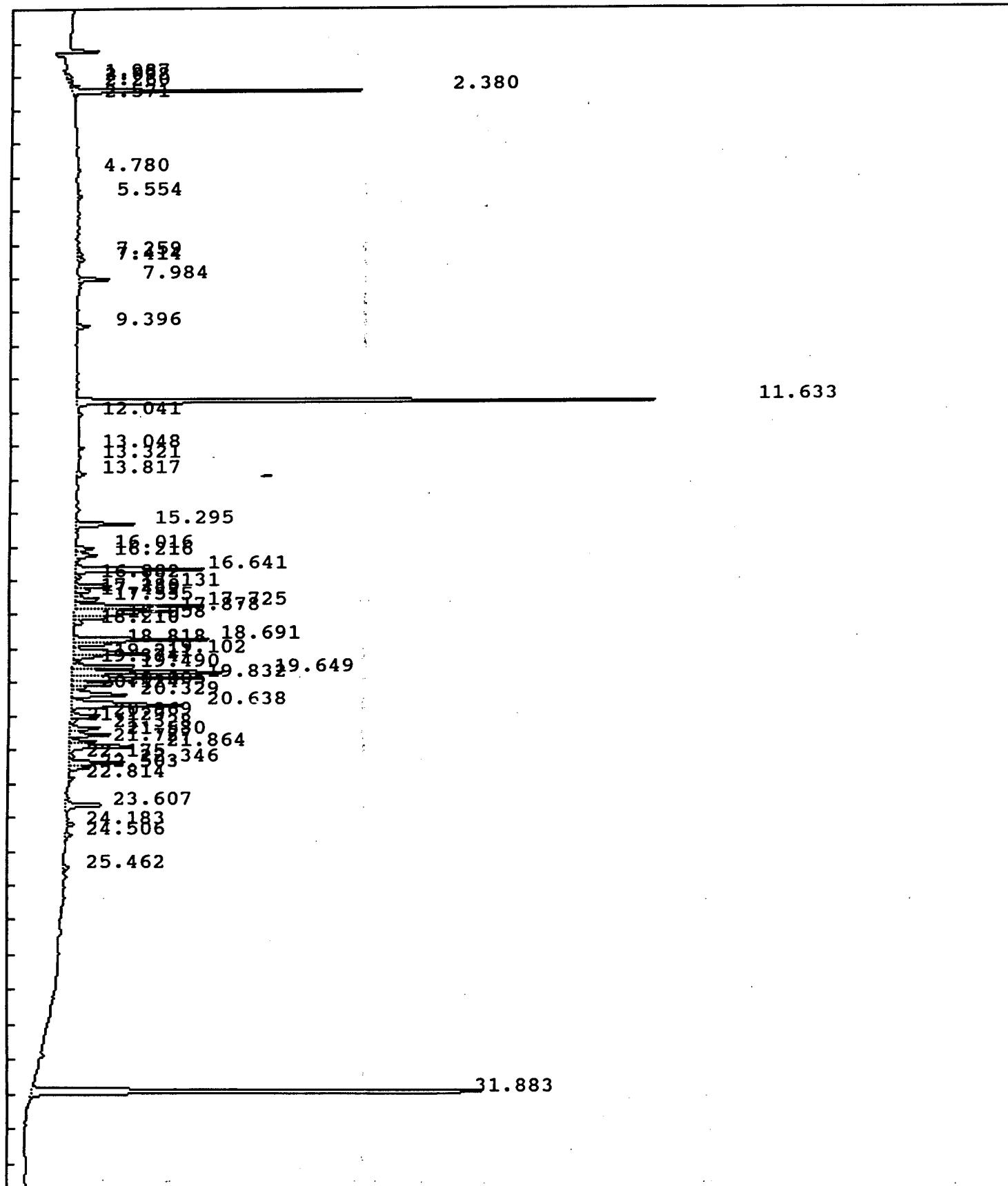
Total Area : 4333869 Total PPB : .045

Report Time : 0732 01May1998
 Method : /DATA/LOOP/METHOD/B4509B.MTH
 Result File : /DATA/LOOP/RESULT/B4509021.RES

0361

IEA Pesticide Standard Report

Sample Name : AR12482 0.1ng Inj on 0136 30Apr1998
Result File : /DATA/LOOP/RESULT/B4509022.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12482 0.1ng Report No : 43.01
 Result File : /DATA/LOOP/RESULT/B4509022.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0136 30Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 22 Bottle no. : 22

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.99		.163882	12848	PV	0.0000	
2	2.10		.109395	6573	VV	0.0000	
3	2.26		.069150	15275	VV	0.0000	
4	2.38		.050056	305176	VV	0.0000	
5	2.57		.054325	2008	VB	0.0000	
6	4.78		.057555	3509	BB	0.0000	
7	5.55		.081298	6939	BB	0.0000	
8	7.26		.082312	7051	BV	0.0000	
9	7.41		.069881	8897	VB	0.0000	
10	7.98		.074789	39988	BV	0.0000	
11	9.40		.082032	15793	BB	0.0000	
12	11.63		.073383	770842	BV	0.0000	
13	12.04		.093572	6725	VB	0.0000	
14	13.05		.079455	8314	BB	0.0000	
15	13.32		.071214	4630	BB	0.0000	
16	13.82		.085523	11149	BB	0.0000	
17	15.30		.091908	87141	BB	0.0000	
18	16.02		.110663	30797	BV	0.0000	
19	16.22		.106271	35066	VV	0.0000	
20	16.64	2	.111253	218406	VV	0.0000	
21	16.88	16.87	.093809	8210	VB	.0012	Heptachlor
22	17.13		.078547	53898	BV	0.0000	
23	17.28		.083303	25627	VV	0.0000	
24	17.43		.067023	7131	VV	0.0000	
25	17.54		.078274	39334	VV	0.0000	
26	17.72		.085480	184453	VV	0.0000	
27	17.88		.121095	195690	VV	0.0000	
28	18.06	17.98	.079415	44870	VV	.0071	Aldrin
29	18.21		.088126	14383	VB	0.0000	
30	18.69	5	.085494	185554	BV	0.0000	
31	18.82		.080568	58386	VV	0.0000	
32	19.10		.118110	145051	VV	0.0000	
33	19.21		.073236	25411	VV	0.0000	
34	19.37	19.34	.065536	7940	VV	.0016	Isodrin
35	19.49		.079716	104592	VV	0.0000	
36	19.65	19.73	.084202	245305	VV	.0398	Heptachlor epoxide
37	19.83		.082337	182198	VV	0.0000	
38	20.00		.086495	70735	VV	0.0000	
39	20.12		.077114	16983	VV	0.0000	

0363

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	20.33	20.35	.113577	102525	VV	.0159	gamma-Chlordane
41	20.64	Y	.114155	213756	VV	0.0000	Endosulfan I
42	20.97	20.89	.090410	46437	VV	.0077	
43	21.13		.082726	9270	VV	0.0000	
44	21.33		.093052	48445	VV	0.0000	
45	21.53	21.52	.085578	56288	VV	.0103	4,4'-DDE
46	21.73		.077675	33108	VV	0.0000	
47	21.86	21.82	.094863	112692	VV	.0202	Dieldrin
48	22.17		.088425	9129	VV	0.0000	
49	22.35		.087756	79679	VV	0.0000	
50	22.50	22.54	.092586	32502	VV	.0063	Chlorobenzilate
51	22.81	22.87	.110336	10530	PV	.0023	Endrin
52	23.61		.098329	65083	PV	0.0000	
53	24.18		.089842	13229	VB	0.0000	
54	24.51	24.52	.119655	10505	BB	.0027	Endrin aldehyde
55	25.46		.090220	8187	BV	0.0000	
56	31.88		.097334	811156	PV	0.0000	Decachlorobiphenyl

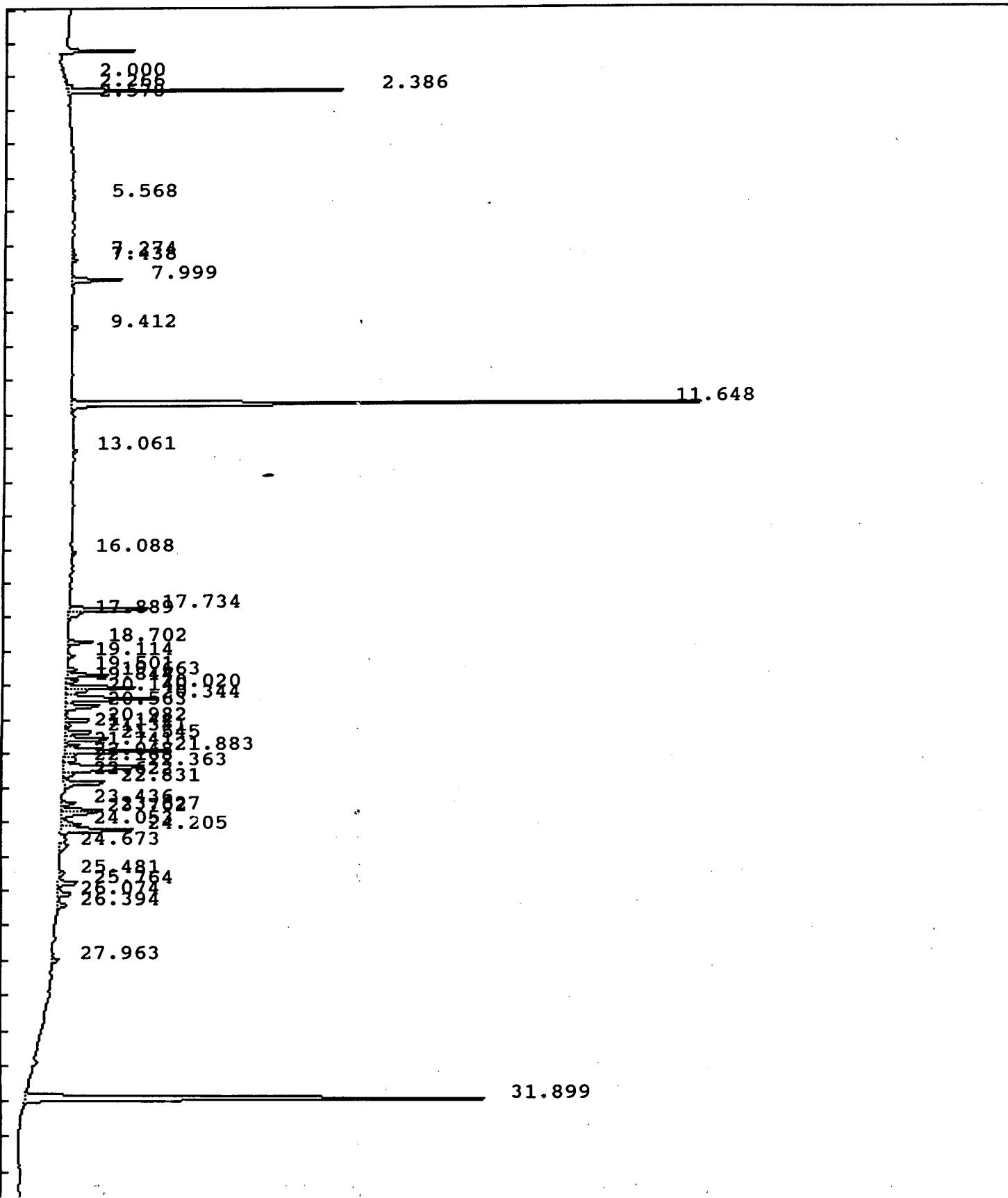
Total Area : 4875397 Total PPB : .115

Report Time : 0735 01May1998
 Method : /DATA/LOOP/METHOD/B4509B.MTH
 Result File : /DATA/LOOP/RESULT/B4509022.RES

0364

IEA Pesticide Standard Report

Sample Name : AR12541 0.05ng Inj on 0222 30Apr1998
Result File : /DATA/LOOP/RESULT/B4509023.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12541 0.05ng Report No : 44.01
 Result File : /DATA/LOOP/RESULT/B4509023.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0222 30Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 23 Bottle no. : 23

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.00		.200159	6316	VV	0.0000	
2	2.27		.067075	12091	VV	0.0000	
3	2.39		.050089	275207	VV	0.0000	
4	2.58		.050261	1426	VB	0.0000	
5	5.57		.243426	11242	BB	0.0000	
6	7.27		.075039	4638	BV	0.0000	
7	7.44		.073313	5414	VB	0.0000	
8	8.00		.080652	63704	BV	0.0000	
9	9.41		.079524	7779	BB	0.0000	
10	11.65	11.74	- .073215	759394	BV	.1437	Tetrachloro-m-xylene
11	13.06		.081992	8017	BB	0.0000	
12	16.09		.107547	9438	BB	0.0000	
13	17.73		.089087	128825	BV	0.0000	
14	17.89		.098207	20891	VB	0.0000	
15	18.70		.082234	33187	BB	0.0000	
16	19.11		.088330	10552	BB	0.0000	
17	19.50		.078693	12536	BV	0.0000	
18	19.66	19.73	.080490	56514	VV	.0092	Heptachlor epoxide
19	19.84		.080889	17125	VV	0.0000	
20	20.02	2	.083592	96937	VV	0.0000	
21	20.14		.077624	25874	VV	0.0000	
22	20.34	3	20.35 .095139	142626	VV	.0221	gamma-Chlordane
23	20.56		.102764	63862	VV	0.0000	
24	20.98		.082965	39855	VV	0.0000	
25	21.14		.081899	8131	VV	0.0000	
26	21.34		.087138	46070	VV	0.0000	
27	21.55	4	21.52 .082386	71409	VV	.0131	4,4'-DDE
28	21.74		.073887	20093	VV	0.0000	
29	21.88	3	21.82 .088716	155072	VV	.0279	Dieldrin
30	22.05		.090586	16876	VV	0.0000	
31	22.17		.103318	21265	VV	0.0000	
32	22.36		.135315	192929	VV	0.0000	
33	22.62		.078380	13301	VV	0.0000	
34	22.83	22.87	.090980	73808	PV	.0162	Endrin
35	23.44	23.45	.084257	20040	BV	.0043	Endosulfan II
36	23.63		.085420	53979	VV	0.0000	
37	23.70		.101114	52763	VV	0.0000	
38	24.05		.117584	39240	VV	0.0000	
39	24.21		.098327	113250	VV	0.0000	

0366

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	24.67		.156282	19742	VB	0.0000	
41	25.48		.110091	11702	BV	0.0000	
42	25.76		.098453	34353	PV	0.0000	
43	26.07		.098227	21636	VV	0.0000	
44	26.39		.100679	15860	VB	0.0000	
45	27.96		.108326	13344	VB	0.0000	
46	31.90		.097369	721015	BB	0.0000	Decachlorobiphenyl

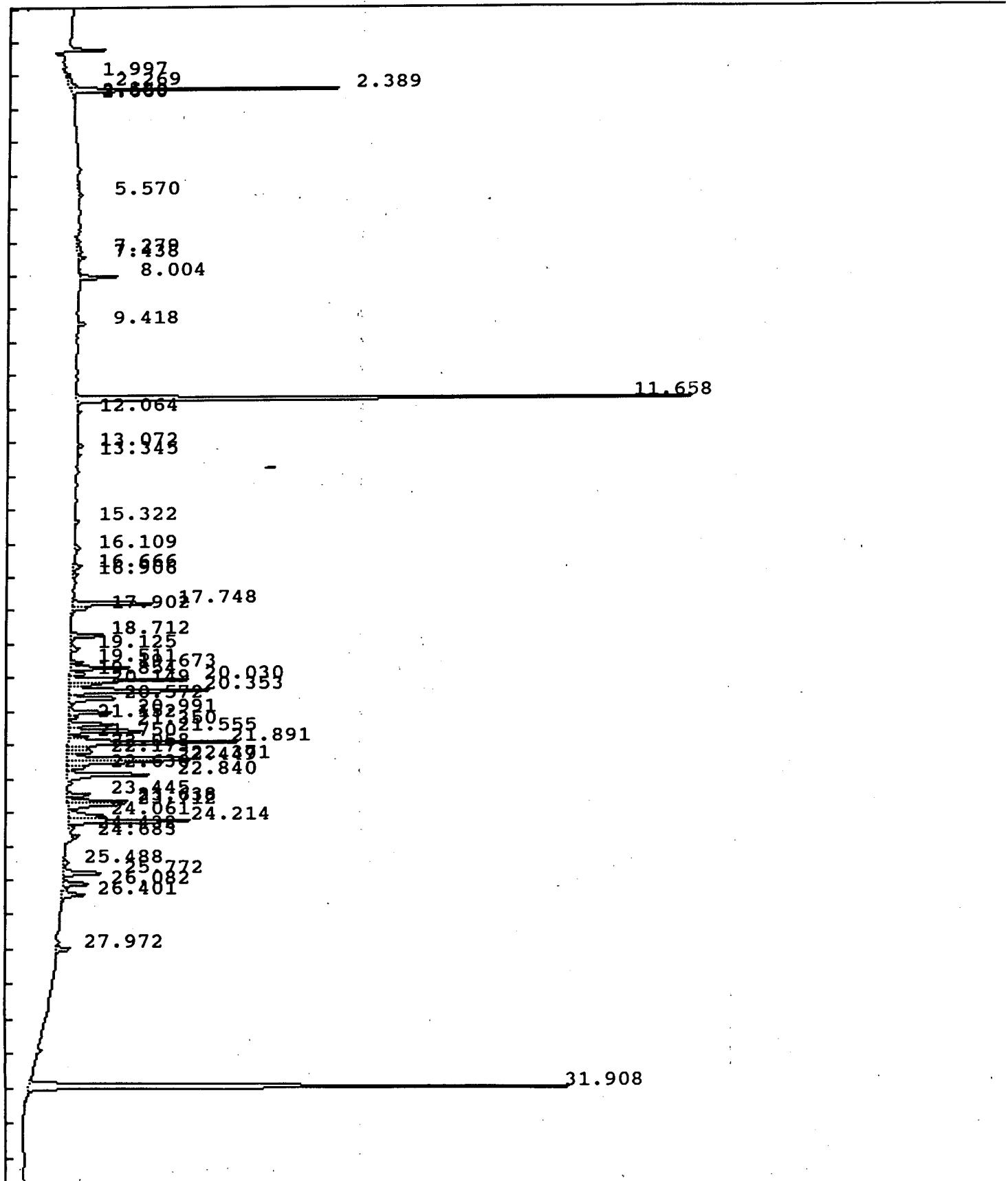
Total Area : 3549328 Total PPB : .236

Report Time : 0739 01May1998
Method : /DATA/LOOP/METHOD/B4509B.MTH
Result File : /DATA/LOOP/RESULT/B4509023.RES

0367

IEA Pesticide Standard Report

Sample Name : AR12542 0.1ng Inj on 0308 30Apr1998
Result File : /DATA/LOOP/RESULT/B4509024.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12542 0.1ng Report No : 45.01
 Result File : /DATA/LOOP/RESULT/B4509024.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0308 30Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1 / 24 Bottle no. : 24

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.00		.164020	13253	PV	0.0000	
2	2.27		.112501	23023	VV	0.0000	
3	2.39		.050908	272308	VV	0.0000	
4	2.58		.064733	3394	VV	0.0000	
5	2.66		.059868	1207	VB	0.0000	
6	5.57		.172723	13419	BV	0.0000	
7	7.28		.267672	23158	PV	0.0000	
8	7.44		.078799	8789	VB	0.0000	
9	8.00		.073047	46303	BV	0.0000	
10	9.42		.087004	12807	VB	0.0000	
11	11.66	11.74	.073435	789957	BV	.1495	Tetrachloro-m-xylene
12	12.06		.092762	6425	VV	0.0000	
13	13.07		.074763	7795	VV	0.0000	
14	13.34		.069570	5329	PV	0.0000	
15	15.32		.107854	8159	BB	0.0000	
16	16.11		.119992	12478	BV	0.0000	
17	16.67		.114970	14988	VV	0.0000	
18	16.91	16.87	.121365	10994	VV	.0017	Heptachlor
19	17.75		.085761	128433	VV	0.0000	
20	17.90	17.98	.100127	29299	VB	.0046	Aldrin
21	18.71		.087315	53455	BV	0.0000	
22	19.13		.101734	15971	VV	0.0000	
23	19.51		.081263	16706	VV	0.0000	
24	19.67	19.73	.081796	81464	VV	.0132	Heptachlor epoxide
25	19.85		.081958	23232	VV	0.0000	
26	20.03		.085022	162426	VV	0.0000	
27	20.15		.077627	43080	VV	0.0000	
28	20.35	20.35	.095257	229030	VV	.0355	gamma-Chlordane
29	20.57		.099613	90184	VV	0.0000	
30	20.99		.085100	66031	VV	0.0000	
31	21.15		.084821	13809	VV	0.0000	
32	21.35		.089173	73022	VV	0.0000	
33	21.55	21.52	.083864	120719	VV	.0221	4,4'-DDE
34	21.75	21.82	.076478	29411	VV	.0053	Diieldrin
35	21.89		.091529	261227	VV	0.0000	
36	22.06		.089701	32154	VV	0.0000	
37	22.17		.105575	41291	VV	0.0000	
38	22.37		.087666	199862	VV	0.0000	
39	22.45		.085862	127786	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	22.63		.087468	30449	VV	0.0000	
41	22.84	22.87	.099270	151225	VV	.0332	Endrin
42	23.45	23.45	.082482	35627	PV	.0077	Endosulfan II
43	23.64		.080570	77318	VV	0.0000	
44	23.71		.102223	93013	VV	0.0000	
45	24.06		.110192	65413	VV	0.0000	
46	24.21		.095395	197538	VV	0.0000	
47	24.43	24.52	.116372	9681	VV	.0025	Endrin aldehyde
48	24.68		.079015	10959	PV	0.0000	
49	25.49		.119923	9190	BV	0.0000	
50	25.77		.103879	69956	VV	0.0000	
51	26.08		.101537	45295	VV	0.0000	
52	26.40		.116244	42469	VB	0.0000	
53	27.97		.103209	27611	VB	0.0000	
54	31.91		.097326	829331	PB	0.0000	Decachlorobiphenyl

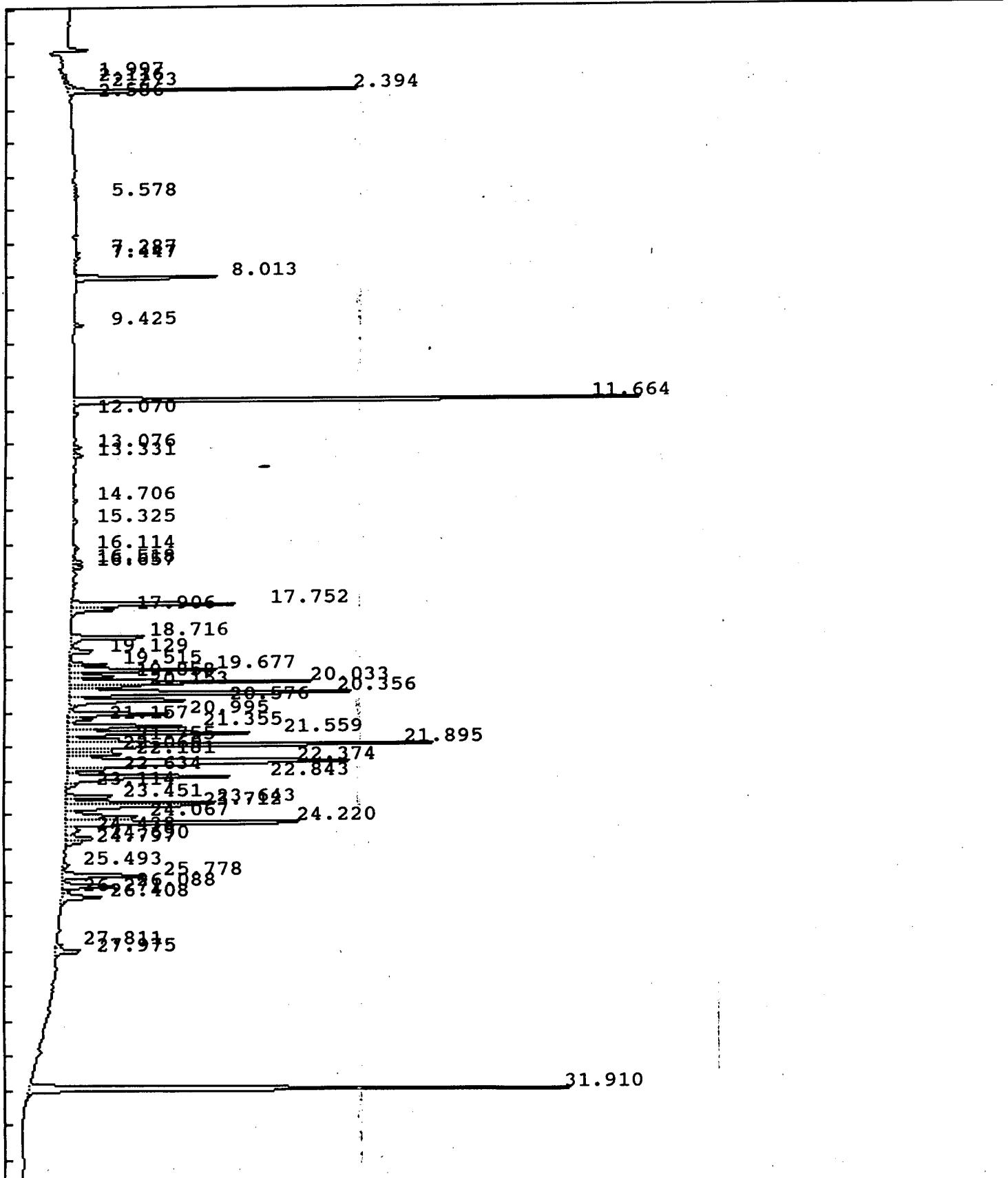
Total Area : 4807449 Total PPB : .275

Report Time : 0744 01May1998
 Method : /DATA/LOOP/METHOD/B4509B.MTH
 Result File : /DATA/LOOP/RESULT/B4509024.RES

0370

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Inj on 0354 30Apr1998
Result File : /DATA/LOOP/RESULT/B4509025.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 46.01
 Result File : /DATA/LOOP/RESULT/B4509025.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0354 30Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1 / 25 Bottle no. : 25

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.00		.172825	11568	PV	0.0000	
2	2.12		.105906	5996	VV	0.0000	
3	2.27		.066765	13367	VV	0.0000	
4	2.39		.050298	293259	VV	0.0000	
5	2.59		.052721	1756	VB	0.0000	
6	5.58		.227736	15527	BB	0.0000	
7	7.29		.053293	3455	BV	0.0000	
8	7.45		.074139	6563	VB	0.0000	
9	8.01		.077047	194802	BV	0.0000	
10	9.43		.079819	11777	BB	0.0000	
11	11.66	11.74	.073490	788626	BV	.1492	Tetrachloro-m-xylene
12	12.07		.094483	7001	PB	0.0000	
13	13.08		.067549	6755	BB	0.0000	
14	13.33		.083470	12274	BV	0.0000	
15	14.71		.148619	10637	BB	0.0000	
16	15.33		.085931	6630	BB	0.0000	
17	16.11		.076279	5796	BV	0.0000	
18	16.52		.078104	12467	BV	0.0000	
19	16.66		.105782	15860	VB	0.0000	
20	17.75		.086045	248011	PV	0.0000	
21	17.91	17.98	.099843	75598	VB	.0120	Aldrin
22	18.72		.088578	131288	BV	0.0000	
23	19.13		.097332	43860	VV	0.0000	
24	19.52		.081159	49621	VV	0.0000	
25	19.68	19.73	.082991	205372	VV	.0333	Heptachlor epoxide
26	19.86		.081527	65698	VV	0.0000	
27	20.03		.086739	338728	VV	0.0000	
28	20.15		.078280	94752	VV	0.0000	
29	20.36	20.35	.098847	491026	VV	.0760	gamma-Chlordane
30	20.58		.100703	219701	VV	0.0000	
31	21.00		.086454	149933	VV	0.0000	
32	21.16		.084425	33787	VV	0.0000	
33	21.35		.091457	176306	VV	0.0000	
34	21.56	21.52	.085143	278934	VV	.0511	4,4'-DDE
35	21.75	21.82	.077091	83756	VV	.0150	Dieldrin
36	21.89		.092516	583529	VV	0.0000	
37	22.06		.087942	63957	VV	0.0000	
38	22.18		.107704	90501	VV	0.0000	
39	22.37		.142212	717103	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	22.63		.084102	59788	VV	0.0000	
41	22.84	22.87	.101788	294891	VV	.0648	Endrin
42	23.11		.107291	17372	VB	0.0000	
43	23.45	23.45	.084395	75493	BV	.0163	Endosulfan II
44	23.64		.087515	213709	VV	0.0000	
45	23.71		.098015	190662	VV	0.0000	
46	24.07		.116731	146275	VV	0.0000	
47	24.22		.098761	418032	VV	0.0000	
48	24.44	24.52	.153598	35407	VV	.0091	Endrin aldehyde
49	24.69		.111443	52041	VV	0.0000	
50	24.80		.091684	23094	VB	0.0000	
51	25.49		.118106	11175	BV	0.0000	
52	25.78		.102291	137950	VV	0.0000	
53	26.09		.100571	86679	VV	0.0000	
54	26.27		.082391	10687	VV	0.0000	
55	26.41		.120960	76840	VB	0.0000	
56	27.81	27.79	.095988	8628	BV	.0018	Endrin ketone
57	27.98		.096687	43586	VB	0.0000	
58	31.91		.097815	833081	PB	0.0000	Decachlorobiphenyl

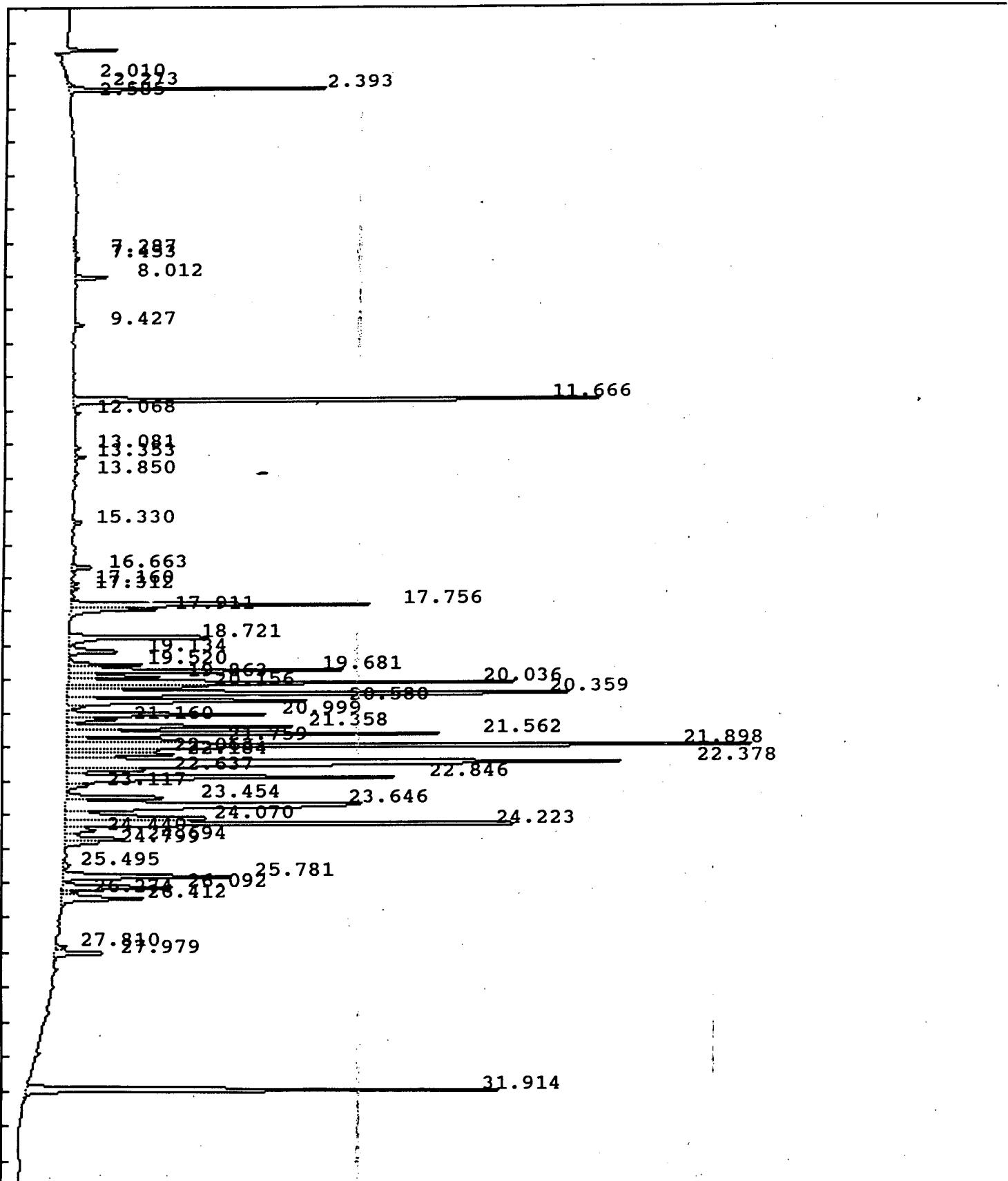
Total Area : 8300966 Total PPB : .429

Report Time : 0747 01May1998
 Method : /DATA/LOOP/METHOD/B4509B.MTH
 Result File : /DATA/LOOP/RESULT/B4509025.RES

0373

IEA Pesticide Standard Report

Sample Name : AR12544 0.4ng Inj on 0440 30Apr1998
Result File : /DATA/LOOP/RESULT/B4509026.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12544 0.4ng Report No : 47.01
 Result File : /DATA/LOOP/RESULT/B4509026.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0440 30Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 26 Bottle no. : 26

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.01		.161569	4174	VV	0.0000	
2	2.27		.057642	9245	VV	0.0000	
3	2.39		.049825	257992	VV	0.0000	
4	2.58		.047150	1008	VV	0.0000	
5	7.29		.318033	13681	PV	0.0000	
6	7.45		.076346	5869	VB	0.0000	
7	8.01		.077739	45033	BB	0.0000	
8	9.43		.080044	13406	BB	0.0000	
9	11.67	11.74	.073279	763139	BV	.1444	Tetrachloro-m-xylene
10	12.07		.089669	8946	VB	0.0000	
11	13.08		.071090	7402	BB	0.0000	
12	13.35		.071948	13705	BV	0.0000	
13	13.85		.086900	7268	BB	0.0000	
14	15.33		.090167	14625	BB	0.0000	
15	16.66		.105655	33201	VV	0.0000	
16	17.16		.070913	7456	BV	0.0000	
17	17.31		.073570	7784	VB	0.0000	
18	17.76		.085817	432535	PV	0.0000	
19	17.91	17.98	.099766	145951	VV	.0231	Aldrin
20	18.72		.090078	257422	BV	0.0000	
21	19.13		.099468	94705	VV	0.0000	
22	19.52		.083371	101712	VV	0.0000	
23	19.68	19.73	.084479	395836	VV	.0641	Heptachlor epoxide
24	19.86		.082340	130975	VV	0.0000	
25	20.04		.087302	629763	VV	0.0000	
26	20.16		.079731	190402	VV	0.0000	
27	20.36	20.35	.100588	917728	VV	.1421	gamma-Chlordane
28	20.58		.103892	434488	VV	0.0000	
29	21.00		.087993	290588	VV	0.0000	
30	21.16		.085112	68452	VV	0.0000	
31	21.36		.094122	347300	VV	0.0000	
32	21.56	21.52	.086027	555264	VV	.1017	4,4'-DDE
33	21.76	21.82	.077412	169546	VV	.0305	Dieldrin
34	21.90		.094091	1144940	VV	0.0000	
35	22.06		.085207	123808	VV	0.0000	
36	22.18		.108374	181501	VV	0.0000	
37	22.38		.145289	1384073	VV	0.0000	
38	22.64		.084702	118690	VV	0.0000	
39	22.85	22.87	.105835	587004	VV	.1290	Endrin

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	23.12		.113214	38795	VV	0.0000	
41	23.45	23.45	.086242	160310	VV	.0345	Endosulfan II
42	23.65		.166264	826166	VV	0.0000	
43	24.07		.118895	302176	VV	0.0000	
44	24.22	24.31	.100082	838417	VV	.1773	4,4'-DDT
45	24.44	24.52	.129437	61504	VV	.0158	Endrin aldehyde
46	24.69		.112715	107802	VV	0.0000	
47	24.80		.095728	50387	VB	0.0000	
48	25.50		.117593	12252	PV	0.0000	
49	25.78		.101715	278382	VV	0.0000	
50	26.09		.100202	176456	VV	0.0000	
51	26.27		.082897	21966	VV	0.0000	
52	26.41		.117986	150808	VB	0.0000	
53	27.81	27.79	.089453	16461	BV	.0034	Endrin ketone
54	27.98		.098220	87786	VB	0.0000	
55	31.91		.097250	724506	BB	0.0000	Decachlorobiphenyl

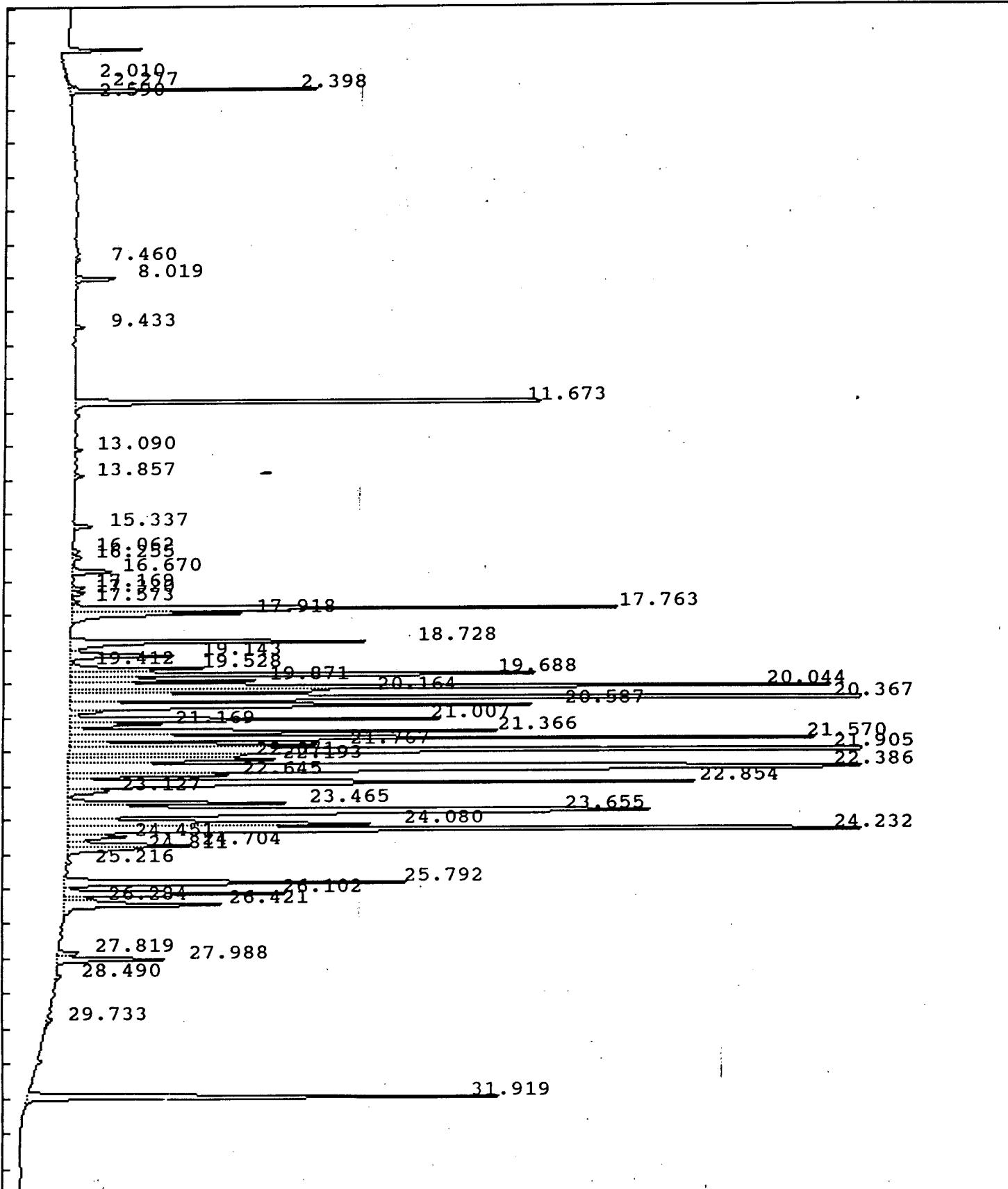
Total Area : 13770790 Total PPB : .866

Report Time : 0750 01May1998
 Method : /DATA/LOOP/METHOD/B4509B.MTH
 Result File : /DATA/LOOP/RESULT/B4509026.RES

0376

IEA Pesticide Standard Report

Sample Name : AR12545 0.8ng Inj on 0526 30Apr1998
Result File : ./DATA/LOOP/RESULT/B4509027.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12545 0.8ng Report No : 48.00
 Result File : /DATA/LOOP/RESULT/B4509027.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0526 30Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 1/ 27 Bottle no. : 27

% Dil-Fact
100.00

Run Status : RunStatusOK
NoReference

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.01		.209879	7132	VV	0.0000	
2	2.28		.071367	11976	VV	0.0000	
3	2.40		.049700	256155	VV	0.0000	
4	2.59		.049034	1160	VB	0.0000	
5	7.46		.071047	5199	PB	0.0000	
6	8.02		.080494	63135	BV	0.0000	
7	9.43		.079813	11715	BB	0.0000	
8	11.67	11.74	.073391	777457	BV	.1471	Tetrachloro-m-xylene
9	13.09		.074897	8344	BB	0.0000	
10	13.86		.081083	12521	BB	0.0000	
11	15.34		.091558	29681	BB	0.0000	
12	16.06		.123573	11321	BV	0.0000	
13	16.26		.103535	14160	VV	0.0000	
14	16.67		.109780	68838	VV	0.0000	
15	17.17		.075217	16397	BV	0.0000	
16	17.32		.080534	18906	VV	0.0000	
17	17.57		.074841	9981	VV	0.0000	
18	17.76		.086542	762399	PV	0.0000	
19	17.92	17.98	.102621	280664	VV	.0445	Aldrin
20	18.73		.092267	492355	BV	0.0000	
21	19.14		.100456	180222	VV	0.0000	
22	19.41	19.34	.061180	8297	VV	.0017	Isodrin
23	19.53		.080429	188342	VV	0.0000	
24	19.69	19.73	.085648	732967	VV	.1188	Heptachlor epoxide
25	19.87		.083140	251713	VV	0.0000	
26	20.04	2	.088323	1141443	VV	0.0000	
27	20.16	2	.080694	358608	VV	0.0000	
28	20.37	23	.101133	1657821	VV	.2567	gamma-Chlordane
29	20.59		.105171	801928	VV	0.0000	
30	21.01		.088948	534385	VV	0.0000	
31	21.17		.084575	129939	VV	0.0000	
32	21.37		.095257	652154	VV	0.0000	
33	21.57	21.52	.086837	1066279	VV	.1952	4,4'-DDE
34	21.77	21.82	.077589	331258	VV	.0595	Dieldrin
35	21.91	2	.094599	2164066	VV	0.0000	
36	22.07		.081342	215801	VV	0.0000	
37	22.19		.111076	351200	VV	0.0000	
38	22.39		.146871	2575774	VV	0.0000	
39	22.64		.083890	221380	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	22.85	22.87	.107659	1084958	VV	.2385	Endrin
41	23.13		.107678	69273	VV	0.0000	
42	23.46	23.45	.086954	318932	VV	.0687	Endosulfan II
43	23.66		.164778	1621331	VV	0.0000	
44	24.08		.120011	591491	VV	0.0000	
45	24.23	24.31	.100412	1613835	VV	.3413	4,4'-DDT
46	24.45	24.52	.123513	111510	VV	.0287	Endrin aldehyde
47	24.70		.112656	214363	VV	0.0000	
48	24.81		.095694	99473	VB	0.0000	
49	25.22	25.15	.093334	8063	BV	.0017	Endosulfan sulfate
50	25.79		.101910	548955	VV	0.0000	
51	26.10		.099970	351819	VV	0.0000	
52	26.28		.083006	44292	VV	0.0000	
53	26.42		.117115	300702	VV	0.0000	
54	27.82	27.79	.089821	32761	BV	.0068	Endrin ketone
55	27.99		.096957	174410	VB	0.0000	
56	28.49		.098035	9539	BB	0.0000	
57	29.73		.110472	9702	VB	0.0000	
58	31.92		.097155	735950	BB	0.0000	Decabromobiphenyl

Total Area : 24364444 Total PPB : 1.509

Report Time : 0604 30Apr1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509027.RES

IEA Pesticide Standard Report

0379

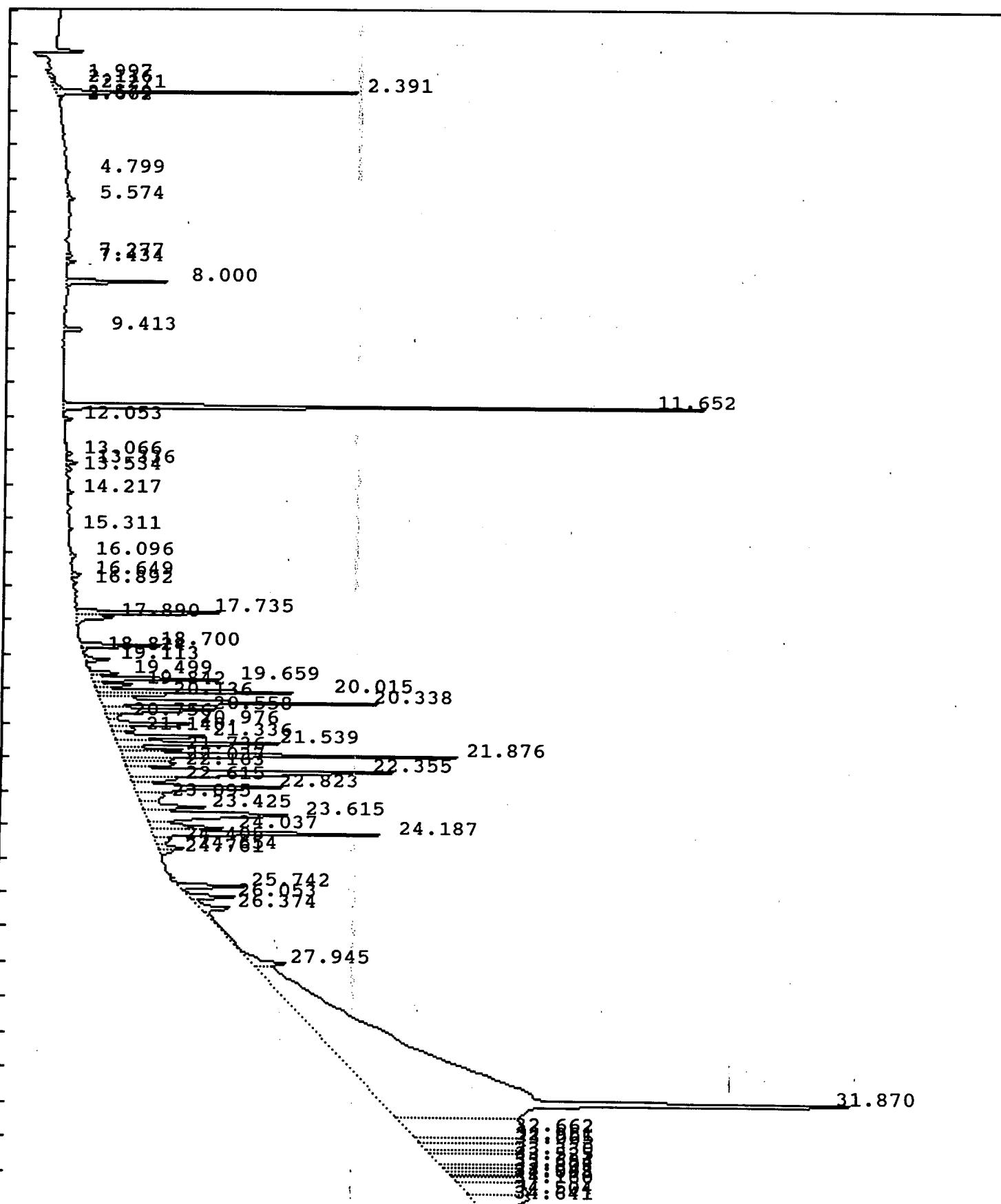
Sample Name : AR12543 0.2ng Inj on 2330 04May1998

Result File : /DATA/LOOP/RESULT/B4509100.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



0380

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 16.00
 Result File : /DATA/LOOP/RESULT/B4509100.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 2330 04May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 1 Bottle no. : 1

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.00		.176966	13688	PV	0.0000	
2	2.12		.110034	6448	VV	0.0000	
3	2.27		.076199	14503	VV	0.0000	
4	2.39		.051054	297706	VV	0.0000	
5	2.58		.059162	3376	VV	0.0000	
6	2.66		.063404	1583	VB	0.0000	
7	4.80		.084927	4305	BB	0.0000	
8	5.57		.125440	15114	BB	0.0000	
9	7.28		.065005	5307	VV	0.0000	
10	7.43		.069663	8892	PB	0.0000	
11	8.00		.079949	126133	BV	0.0000	
12	9.41		.080338	26992	BB	0.0000	
13	11.65	11.64	.072866	756048	BV	.1431	Tetrachloro-m-xylene
14	12.05		.081436	10138	PV	0.0000	
15	13.07		.077542	7789	BB	0.0000	
16	13.34		.078389	13661	BV	0.0000	
17	13.53		.077792	5871	VB	0.0000	
18	14.22		.099220	8400	BB	0.0000	
19	15.31	15.41	.082058	5595	BB	.0009	gamma-BHC (Lindane)
20	16.10		.091230	7909	BV	0.0000	
21	16.65		.113117	15677	BV	0.0000	
22	16.89	16.87	.083859	4750	VB	.0008	delta-BHC
23	17.73		.084796	219875	VV	0.0000	
24	17.89	17.85	.099132	64860	VB	.0103	Aldrin
25	18.70		.079496	101026	BV	0.0000	
26	18.82		.070330	6244	VV	0.0000	
27	19.11		.087841	34183	PV	0.0000	
28	19.50		.079731	41548	PV	0.0000	
29	19.66	19.61	.081888	174085	VV	.0282	Heptachlor epoxide
30	19.84		.081850	56555	VV	0.0000	
31	20.012		.085187	284690	VV	0.0000	
32	20.14	20.22	.080076	82373	VV	.0128	gamma-Chlordane
33	20.34	3	.098247	420458	VV	0.0000	
34	20.56		.106949	199896	VV	0.0000	
35	20.76	20.76	.100204	19961	VV	.0033	Endosulfan I
36	20.98		.096956	141247	VV	0.0000	
37	21.14		.106118	44445	VV	0.0000	
38	21.34	21.40	.100828	164736	VV	.0302	4,4'-DDE
39	21.54	4	.091279	256519	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
40	21.74	21.69	.086204		87467	VV	.0157	Dieldrin
41	21.88	#	.094319		505388	VV	0.0000	
42	22.04		.087458		62439	VV	0.0000	
43	22.16		.118593		93465	VV	0.0000	
44	22.36	22.41	.145100		620128	VV	.1207	Chlorobenzilate
45	22.61		.103810		74410	VV	0.0000	
46	22.82	22.74	.120341		301497	VV	.0663	Endrin
47	23.10	23.07	.194017		76208	VV	.0176	4,4'-DDD
48	23.43		.134932		129526	VV	0.0000	
49	23.62		.177234		391023	VV	0.0000	
50	24.04		.132121		147543	VV	0.0000	
51	24.19	24.15	.101095		361305	VV	.0764	4,4'-DDT
52	24.41	24.36	.162290		40720	VV	.0105	Endrin aldehyde
53	24.65		.117471		45678	VV	0.0000	
54	24.76		.089346		18332	VB	0.0000	
55	25.74		.097495		98983	PV	0.0000	
56	26.05		.107835		75671	VV	0.0000	
57	26.37		.141512		70018	VV	0.0000	
58	27.94		.288081		150089	VV	0.0000	
59	31.87	#31.88	.660994		5882860	VV	1.5370	Decachlorobiphenyl
60	32.66		.531067		899071	VV	0.0000	
61	32.95		.141445		218938	VV	0.0000	
62	33.07		.22715		337539	VV	0.0000	
63	33.33		.11195		151418	VV	0.0000	
64	33.53		.281861		358532	VV	0.0000	
65	33.68		.122443		143826	VV	0.0000	
66	33.80		.086741		95862	VV	0.0000	
67	33.94		.108111		111771	VV	0.0000	
68	34.01		.070320		70741	VV	0.0000	
69	34.16		.145950		143286	VV	0.0000	
70	34.50		.365254		317383	VV	0.0000	
71	34.64		.462798		380274	VV	0.0000	

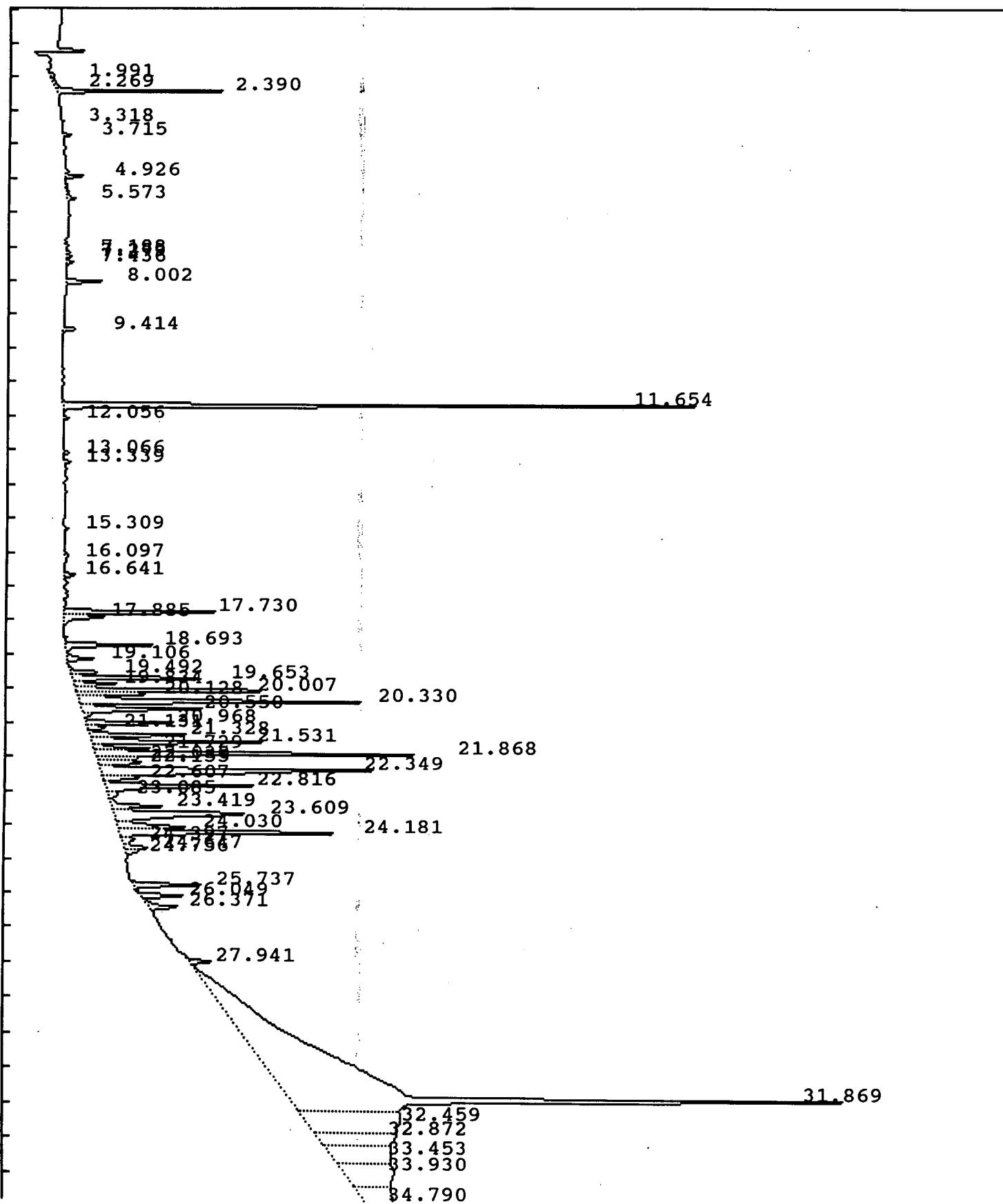
Total Area : 16133980 Total PPB : 2.074

Report Time : 0013 05May1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509100.RES

0382

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Inj on 1324 05May1998
Result File : /DATA/LOOP/RESULT/B4509118.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 34.00
 Result File : /DATA/LOOP/RESULT/B4509118.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1324 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 19 Bottle no. : 19

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.99		.165657	12689	PV	0.0000	
2	2.27		.158896	14843	VV	0.0000	
3	2.39		.051936	163988	VB	0.0000	
4	3.32		.048857	2755	BB	0.0000	
5	3.72		.054320	9568	BV	0.0000	
6	4.93		.059729	20905	VV	0.0000	
7	5.57		.134317	19554	PB	0.0000	
8	7.19		.170230	11363	PV	0.0000	
9	7.28		.068958	6274	VV	0.0000	
10	7.44		.073172	9412	VB	0.0000	
11	8.00		.081458	47621	BV	0.0000	
12	9.41		.081474	16880	BB	0.0000	
13	11.65	11.64	.072711	751448	BV	.1422	Tetrachloro-m-xylene
14	12.06		.092470	8596	VB	0.0000	
15	13.07		.069184	7060	BB	0.0000	
16	13.34		.073352	7931	BV	0.0000	
17	15.31		.084965	6100	BB	0.0000	
18	16.10		.088684	5392	BV	0.0000	
19	16.64		.103808	14916	BV	0.0000	
20	17.73		.083947	214014	VV	0.0000	
21	17.88	17.85	.098818	68767	VB	.0109	Aldrin
22	18.69		.086174	118055	BV	0.0000	
23	19.11		.092463	39246	VV	0.0000	
24	19.49		.077488	42854	PV	0.0000	
25	19.65	19.61	.081187	182450	VV	.0296	Heptachlor epoxide
26	19.83		.078134	56382	VV	0.0000	
27	20.01	2	.084384	294662	VV	0.0000	
28	20.13		.077677	82543	VV	0.0000	
29	20.33	3	.096619	429564	VV	0.0000	
30	20.55		.100372	193192	VV	0.0000	
31	20.97		.085206	123548	VV	0.0000	
32	21.13		.083894	26955	VV	0.0000	
33	21.33		.090167	144373	VV	0.0000	
34	21.53	4	.083892	231949	VV	0.0000	
35	21.73	21.69	.076430	68124	VV	.0122	Dieldrin
36	21.87	7	.090696	486219	VV	0.0000	
37	22.03		.087238	51862	VV	0.0000	
38	22.15		.109759	72134	VV	0.0000	
39	22.35	22.41	.137577	585862	VV	.1141	Chlorobenzilate

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	22.61		.085896	46821	VV	0.0000	
41	22.82	22.74	.101632	243480	VV	.0535	Endrin
42	23.09	23.07	.140364	22097	VV	.0051	4,4'-DDD
43	23.42		.099385	77987	VV	0.0000	
44	23.61		.165208	346075	VV	0.0000	
45	24.03		.123339	129698	VV	0.0000	
46	24.18	24.15	.098959	348951	VV	.0738	4,4'-DDT
47	24.40	24.36	.144589	30300	VV	.0078	Endrin aldehyde
48	24.65		.114325	42257	VV	0.0000	
49	24.76		.095504	18256	VB	0.0000	
50	25.74		.097893	101633	BV	0.0000	
51	26.05		.096113	63246	PV	0.0000	
52	26.37		.125762	58112	VV	0.0000	
53	27.94		.099108	34723	VV	0.0000	
54	31.87	#31.88	.494823	4172270	VV	1.0901	Decachlorobiphenyl
55	32.46		.573614	778359	VV	0.0000	
56	32.87		.355293	410639	VV	0.0000	
57	33.45		.525548	461162	VV	0.0000	
58	33.93		.609808	448255	VV	0.0000	
59	34.79		.698970	279394	VV	0.0000	
60	35.37		.475442	73021	VB	0.0000	

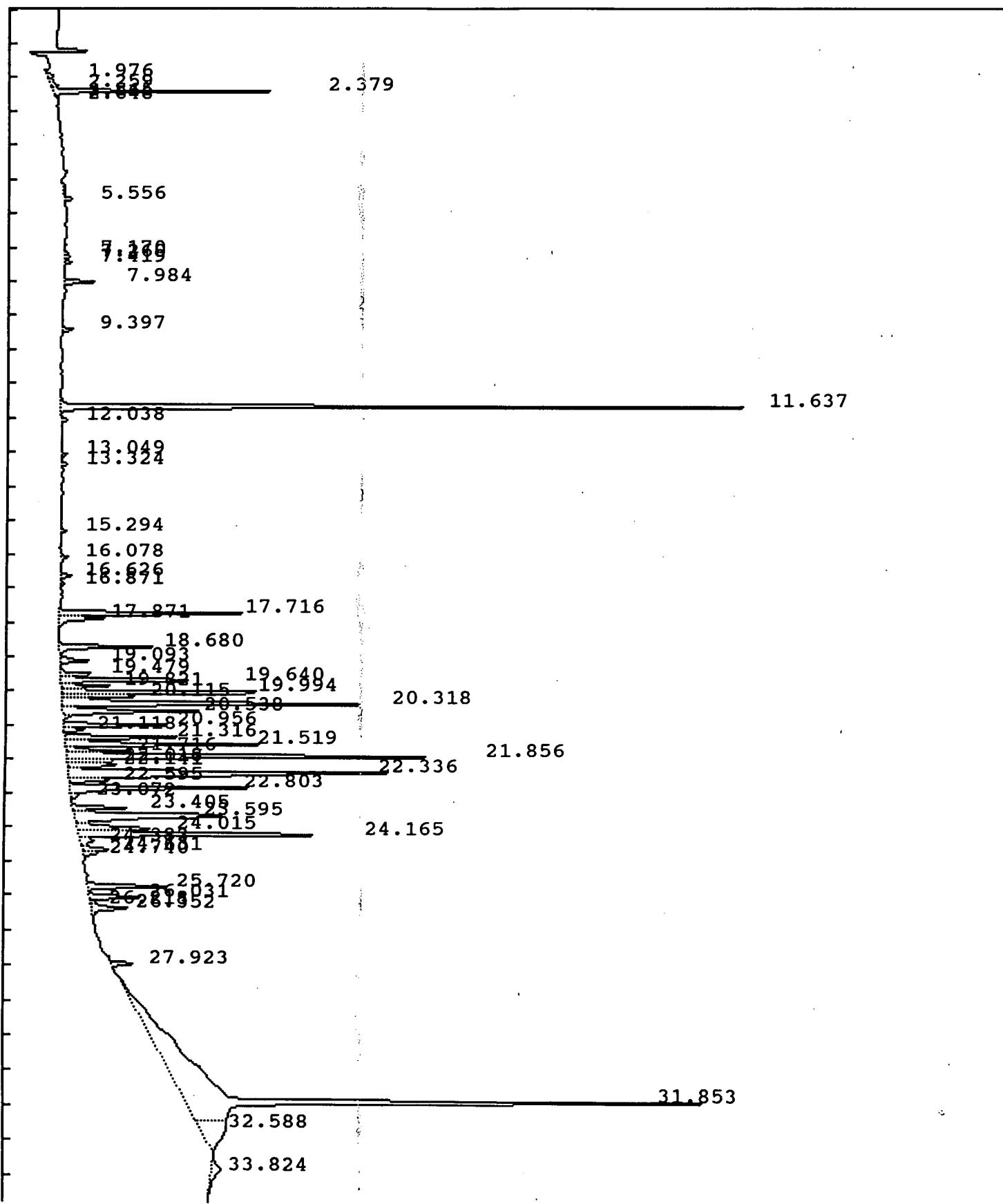
Total Area : 12836786 Total PPB : 1.539

Report Time : 1402 05May1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509118.RES

0385

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Inj on 0333 06May1998
Result File : /DATA/LOOP/RESULT/B4509136.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 52.00
 Result File : /DATA/LOOP/RESULT/B4509136.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 35.98 Mins. Injected on 0333 06May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 37 Bottle no. : 37

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.98		.167736	15137	PV	0.0000	
2	2.26		.146173	20333	VV	0.0000	
3	2.38		.052143	219023	VV	0.0000	
4	2.56		.062298	2843	VV	0.0000	
5	2.65		.061137	1155	VB	0.0000	
6	5.56		.139683	20925	BB	0.0000	
7	7.17		.143337	10437	BV	0.0000	
8	7.26		.066000	6268	VV	0.0000	
9	7.42		.071508	9517	PB	0.0000	
10	7.98		.081227	39723	BV	0.0000	
11	9.40		.081831	15471	BB	0.0000	
12	11.64	11.64	.073138	811648	BV	.1536	Tetrachloro-m-xylene
13	12.04		.090069	8955	PB	0.0000	
14	13.05		.067668	7428	BB	0.0000	
15	13.32		.072774	5894	BV	0.0000	
16	15.29		.089406	7403	BB	0.0000	
17	16.08		.089224	8227	BV	0.0000	
18	16.63		.116342	19310	BV	0.0000	
19	16.87	16.87	.087237	7225	VB	.0012	delta-BHC
20	17.72		.085532	250282	PV	0.0000	
21	17.87	17.85	.097730	72867	VB	.0116	Aldrin
22	18.68		.086822	127772	BV	0.0000	
23	19.09		.093990	42863	VV	0.0000	
24	19.48		.080268	48978	PV	0.0000	
25	19.64	19.61	.081689	198995	VV	.0322	Heptachlor epoxide
26	19.82		.079453	63055	VV	0.0000	
27	19.99	2	.084984	320967	VV	0.0000	
28	20.12		.077999	91452	VV	0.0000	
29	20.32	3	.096951	467620	VV	0.0000	
30	20.54		.099297	209169	VV	0.0000	
31	20.96		.083203	135888	PV	0.0000	
32	21.12		.077788	27096	VV	0.0000	
33	21.32		.088404	161269	PV	0.0000	
34	21.52	4	.082931	260287	VV	0.0000	
35	21.72	21.69	.073819	74644	VV	.0134	Dieldrin
36	21.86	7	.090915	551335	VV	0.0000	
37	22.02		.087192	57737	VV	0.0000	
38	22.14		.106343	79220	VV	0.0000	
39	22.34	22.41	.137115	670359	VV	.1305	Chlorobenzilate

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
40	22.60		.079853		49400	VV	0.0000	
41	22.80	22.74	.098393		273852	VV	.0602	Endrin
42	23.07	23.07	.105099		14476	VB	.0033	4,4'-DDD
43	23.40	23.31	.084956		74184	BV	.0160	Endosulfan II
44	23.60		.161407		381967	VV	0.0000	
45	24.01		.116834		137725	VV	0.0000	
46	24.16	24.15	.097370		388140	VV	.0821	4,4'-DDT
47	24.38	24.36	.137911		28059	VV	.0072	Endrin aldehyde
48	24.63		.108017		44539	VV	0.0000	
49	24.74		.089552		18888	VB	0.0000	
50	25.72		.100785		119170	BV	0.0000	
51	26.03		.098816		75021	VV	0.0000	
52	26.22		.080294		8137	VV	0.0000	
53	26.35		.122130		66025	VB	0.0000	
54	27.92		.088322		32663	PV	0.0000	
55	31.85	#31.88	.257013		2039129	VV	.5328	Decachlorobiphenyl
56	32.59		.568928		224477	VB	0.0000	
57	33.82		.427104		53587	BV	0.0000	

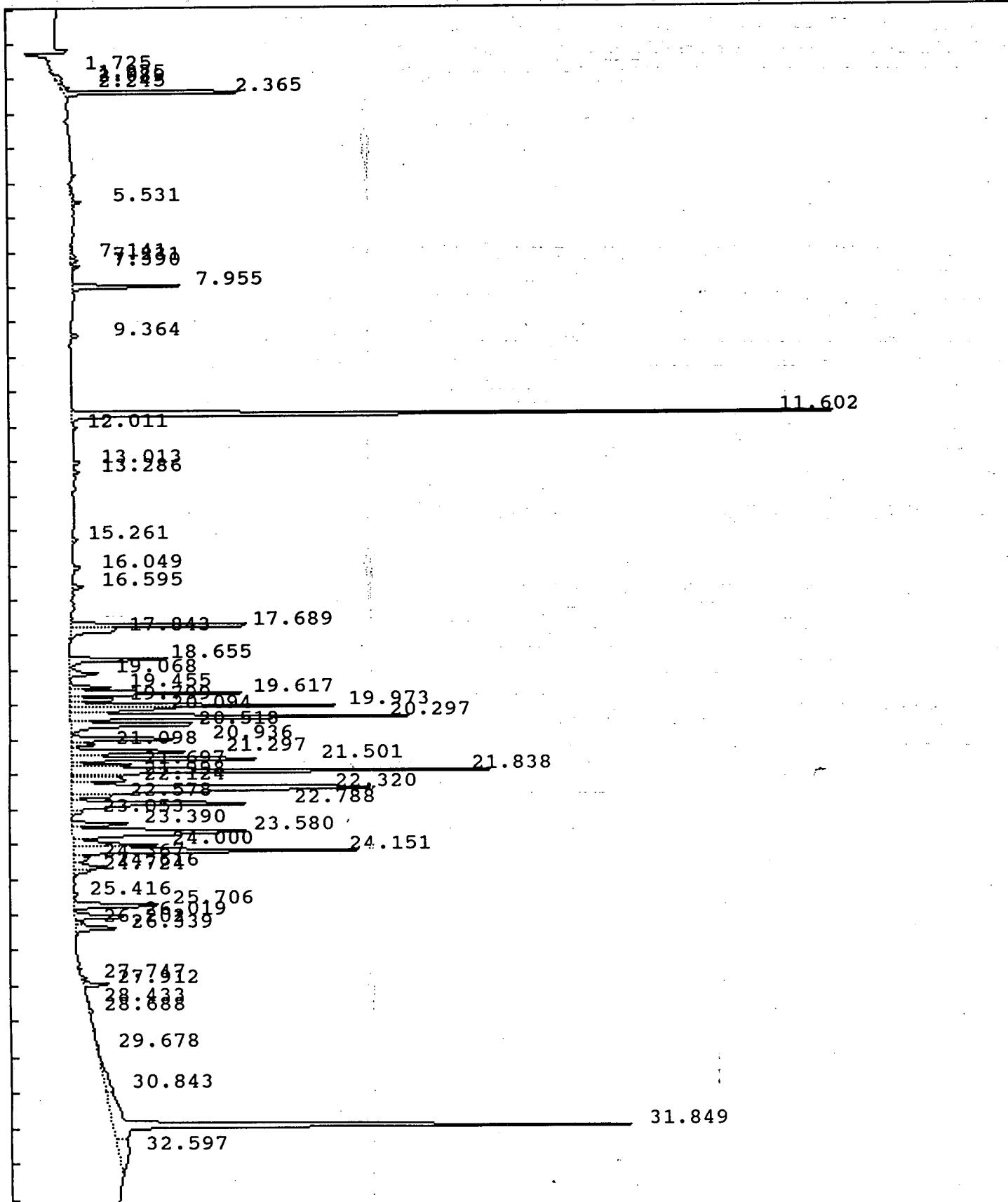
Total Area : 9178218 Total PPB : 1.044

Report Time : 0411 06May1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509136.RES

0388

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Inj on 1356 07May1998
Result File : ./DATA/LOOP/RESULT/B4509174.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No : 91.00
 Result File : /DATA/LOOP/RESULT/B4509174.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1356 07May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 75 Bottle no. : 75

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.72		.039756	2055	VV	0.0000	
2	1.97		.168622	19397	PV	0.0000	
3	2.09		.110105	9447	VV	0.0000	
4	2.25		.087242	14906	VV	0.0000	
5	2.37		.053046	252746	VB	0.0000	
6	5.53		.150363	22468	BB	0.0000	
7	7.14		.111311	8175	BV	0.0000	
8	7.23		.067828	8042	VV	0.0000	
9	7.39		.075945	11126	PB	0.0000	
10	7.95		.081704	142544	BV	0.0000	
11	9.36		.078351	8914	BB	0.0000	
12	11.60	11.64	.076042	920714	BV	.1742	Tetrachloro-m-xylene
13	12.01		.106116	7234	PB	0.0000	
14	13.01		.068331	8145	BB	0.0000	
15	13.29		.081872	6244	BV	0.0000	
16	15.26		.090161	8038	BB	0.0000	
17	16.05		.075054	8168	BV	0.0000	
18	16.60		.110884	19015	BV	0.0000	
19	17.69	-1	.088695	294213	PV	0.0000	
20	17.84	17.85	.101113	83724	VB	.0133	Aldrin
21	18.65		.089909	143611	BV	0.0000	
22	19.07		.096039	48140	VV	0.0000	
23	19.46		.081004	52937	PV	0.0000	
24	19.62	19.61	.084176	219899	VV	.0356	Heptachlor epoxide
25	19.80		.082096	70246	VV	0.0000	
26	19.97		.087769	360213	VV	0.0000	
27	20.09	-2	.079137	103366	VV	0.0000	
28	20.30	-320.22	.100334	523330	VV	.0810	gamma-Chlordane
29	20.52		.106654	244498	VV	0.0000	
30	20.94		.085683	153472	VV	0.0000	
31	21.10		.080107	31757	VV	0.0000	
32	21.30		.091529	180804	VV	0.0000	
33	21.50	-6	.085518	288997	VV	0.0000	
34	21.70	21.69	.076556	84410	VV	.0152	Dieldrin
35	21.84	-7	.093470	609298	VV	0.0000	
36	22.00		.085204	64728	VV	0.0000	
37	22.12		.108919	91877	VV	0.0000	
38	22.32		.142882	740207	VV	0.0000	
39	22.58		.083897	59466	VV	0.0000	
40	22.79	22.74	.101690	307075	VV	.0675	Endrin

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
41	23.05	23.07	.105217	16700	VB	.0038	4,4'-DDD
42	23.39	23.31	.084396	78720	BV	.0169	Endosulfan II
43	23.58		.164515	417997	VV	0.0000	
44	24.00		.116733	150667	VV	0.0000	
45	24.15	24.15	.098888	428908	VV	.0907	4,4'-DDT
46	24.37	24.36	.151019	36710	VV	.0095	Endrin aldehyde
47	24.62		.112826	54843	VV	0.0000	
48	24.72		.105803	28433	VB	0.0000	
49	25.42		.118110	7045	BV	0.0000	
50	25.71		.102233	135578	VV	0.0000	
51	26.02		.100412	85323	VV	0.0000	
52	26.20		.083614	10490	VV	0.0000	
53	26.34		.119371	74383	VV	0.0000	
54	27.75		.067479	4990	BV	0.0000	
55	27.91		.092718	38889	VB	0.0000	
56	28.43		.128264	4498	BV	0.0000	
57	28.69		.112751	6186	VV	0.0000	
58	29.68		.304574	8021	PV	0.0000	
59	30.84		.461199	58734	VV	0.0000	
60	31.85	#31.88	.119875	960662	VV	.2510	Decachlorobiphenyl
61	32.60		.690337	113066	VB	0.0000	

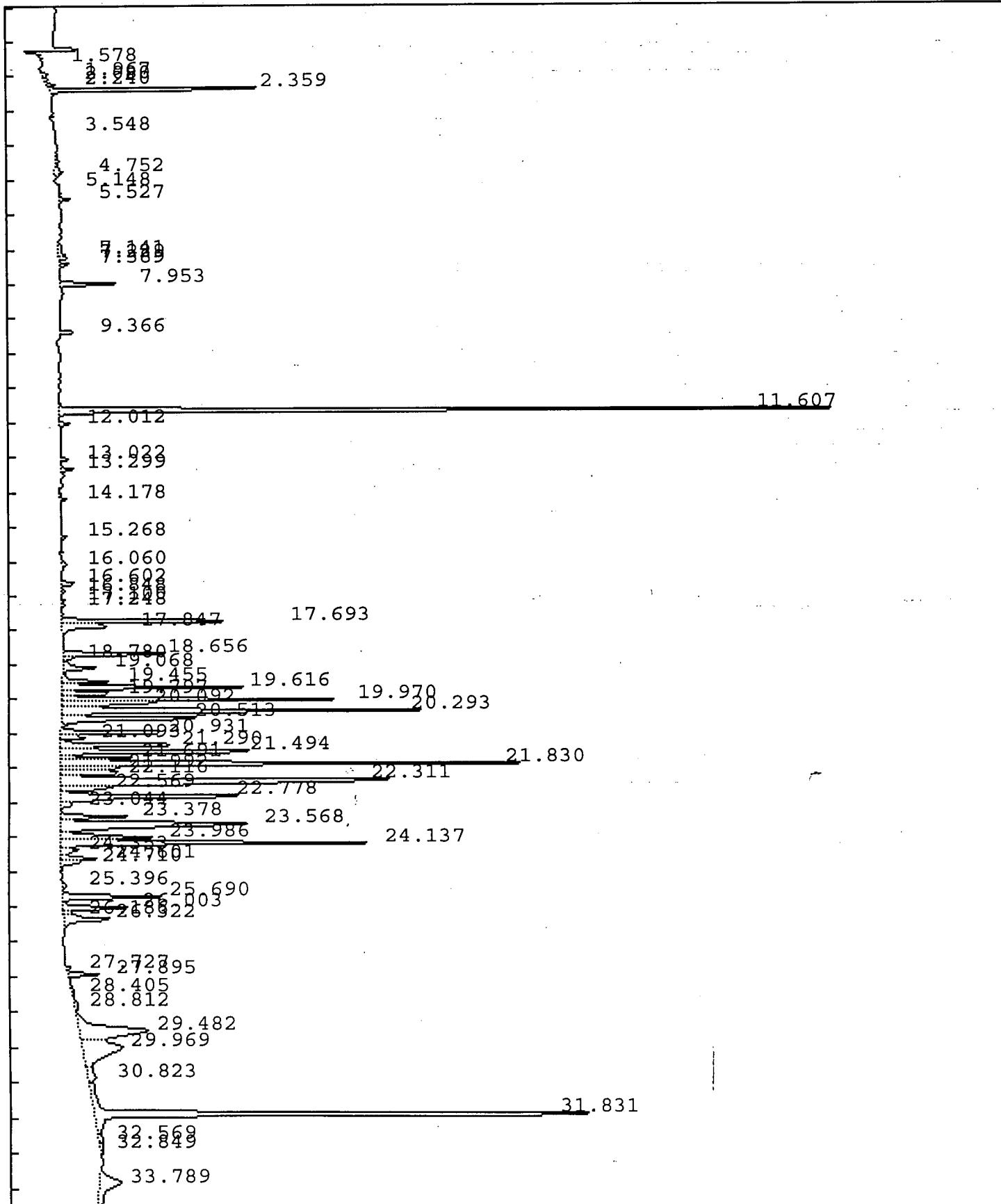
Total Area : 8954490 Total PPB : .759

Report Time : 1442 07May1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509174.RES

0391

IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Inj on 0508 08May1998
Result File : /DATA/LOOP/RESULT/B4509192.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : AR12543 0.2ng Report No :109.01
 Result File : /DATA/LOOP/RESULT/B4509192.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0508 08May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 93 Bottle no. : 93

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.58		.016050	787	BB	0.0000	
2	1.97		.174792	15501	PV	0.0000	
3	2.08		.113718	7577	VV	0.0000	
4	2.24		.070995	12563	VV	0.0000	
5	2.36		.050941	267921	VB	0.0000	
6	3.55		.137346	2189	BV	0.0000	
7	4.75		.229664	27467	BV	0.0000	
8	5.15		.087449	3344	PB	0.0000	
9	5.53		.071058	11078	BB	0.0000	
10	7.14		.147775	17975	PV	0.0000	
11	7.23		.066592	8910	VV	0.0000	
12	7.39		.074476	11964	PB	0.0000	
13	7.95		.078587	70466	BV	0.0000	
14	9.37		.081635	19995	BB	0.0000	
15	11.61	11.64	.073262	937371	BV	.1774	Tetrachloro-m-xylene
16	12.01		.095555	15165	PV	0.0000	
17	13.02		.071609	9440	BB	0.0000	
18	13.30		.072921	13763	BV	0.0000	
19	14.18		.120084	10437	PB	0.0000	
20	15.27		.089185	8405	BB	0.0000	
21	16.06		.062779	4254	BV	0.0000	
22	16.60		.102773	18573	BV	0.0000	
23	16.85	16.87	.081853	5802	VB	.0010	delta-BHC
24	17.10		.077759	4987	BV	0.0000	
25	17.25		.079985	5215	VV	0.0000	
26	17.69		.083439	254726	PV	0.0000	
27	17.85	17.85	.097570	82855	VV	.0131	Aldrin
28	18.66		.081131	136115	BV	0.0000	
29	18.78		.093936	13978	VV	0.0000	
30	19.07		.104500	57699	VV	0.0000	
31	19.45		.086702	62690	VV	0.0000	
32	19.62	19.61	.082720	230410	VV	.0373	Heptachlor epoxide
33	19.80		.079911	74310	VV	0.0000	
34	19.97		.084947	366465	VV	0.0000	
35	20.09		.077827	105994	VV	0.0000	
36	20.29	20.22	.097186	533313	VV	.0826	gamma-Chlordane
37	20.51		.099742	238618	VV	0.0000	
38	20.93		.083560	158271	VV	0.0000	
39	21.09		.076969	32011	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	21.29		.088909	187672	PV	0.0000	
41	21.49		.083169	302675	VV	0.0000	
42	21.69	21.69	.074775	89997	VV	.0162	Dieldrin
43	21.83		.090331	633985	VV	0.0000	
44	21.99		.088237	69798	VV	0.0000	
45	22.12		.108033	97104	VV	0.0000	
46	22.31		.138786	775840	VV	0.0000	
47	22.57		.081872	61932	VV	0.0000	
48	22.78	22.74	.099786	324447	VV	.0713	Endrin
49	23.04	23.07	.106536	18470	VV	.0043	4,4'-DDD
50	23.38	23.31	.083621	86192	VV	.0186	Endosulfan II
51	23.57		.160569	447732	VV	0.0000	
52	23.99		.115351	160375	VV	0.0000	
53	24.14	24.15	.096598	456738	VV	.0966	4,4'-DDT
54	24.35	24.36	.135587	32780	VV	.0084	Endrin aldehyde
55	24.60		.107689	56259	VV	0.0000	
56	24.71		.105098	29723	VB	0.0000	
57	25.40		.122803	9098	BV	0.0000	
58	25.69		.101632	150464	VV	0.0000	
59	26.00		.103377	99194	VV	0.0000	
60	26.19		.085693	14298	VV	0.0000	
61	26.32		.126257	90711	VB	0.0000	
62	27.73	27.63	.071907	5832	BV	.0012	Endrin ketone
63	27.89		.093248	45722	VB	0.0000	
64	28.40		.146130	5115	BV	0.0000	
65	28.81		.327273	14477	VV	0.0000	
66	29.48		.316424	307037	VV	0.0000	
67	29.97		.445831	256614	VV	0.0000	
68	30.82		.314452	39876	VV	0.0000	
69	31.83	#31.88	.108143	945859	VV	.2471	Decachlorobiphenyl
70	32.57		.204285	14315	VV	0.0000	
71	32.85		.277534	13352	VB	0.0000	
72	33.79		.455515	134716	VV	0.0000	

Total Area : 9837004 Total PPB : .775

Report Time : 1603 11May1998
 Method : /DATA/LOOP/METHOD/B4509A.MTH
 Result File : /DATA/LOOP/RESULT/B4509192.RES

0394

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: PBLK41

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Matrix: (soil/water) : SOIL Lab Sample ID: 042798-B02

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524072

% Moisture: 0 decanted: (Y/N) _____ Date Received : _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/KG</u>

12674-11-2	Aroclor-1016	33.	U
11104-28-2	Aroclor-1221	67.	U
11141-16-5	Aroclor-1232	33.	U
53469-21-9	Aroclor-1242	33.	U
12672-29-6	Aroclor-1248	33.	U
11097-69-1	Aroclor-1254	33.	U
11096-82-5	Aroclor-1260	33.	U

0395

IEA Pesticide Standard Report

Sample Name : 042798-B02 PBLK41 A/S

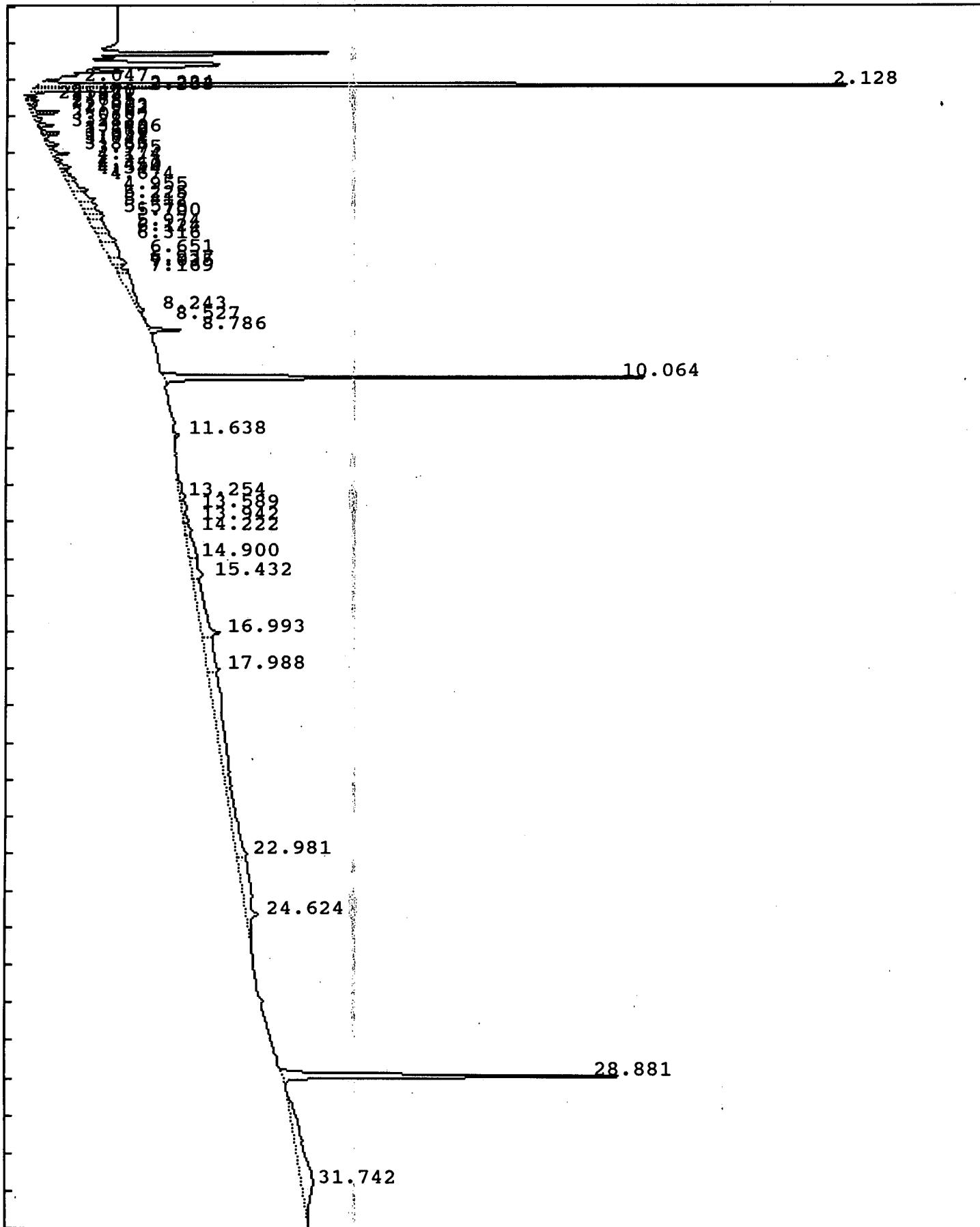
Inj on 0055 01May1998

Result File : /HP58904A/RESULT/A4524072.RES

INSTRUMENT: HP58904A

Column Type : DB-1701 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 042798-B02 PBLK41 A/S Report No : 72.10
 Result File : /HP58904A/RESULT/A4524072.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0055 01May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 72 Bottle no. : 72

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.05		.040069	5933	BV	0.0000	
2	2.13		.042491	800234	VV	0.0000	
3	2.23		.046020	44833	VV	0.0000	
4	2.28		.040755	49538	VV	0.0000	
5	2.47		.035122	6940	PV	0.0000	
6	2.53		.032036	3456	VV	0.0000	
7	2.58		.057944	10066	VV	0.0000	
8	2.68		.052821	7982	VV	0.0000	
9	2.75		.034369	2360	VV	0.0000	
10	2.86		.058194	21215	VV	0.0000	
11	2.90		.040261	11287	VV	0.0000	
12	3.07		.090314	9105	VV	0.0000	
13	3.23		.069364	14419	VV	0.0000	
14	3.28		.029961	1892	VV	0.0000	
15	3.41		.042366	11160	PV	0.0000	
16	3.47		.049992	12491	VV	0.0000	
17	3.56		.055059	3500	VV	0.0000	
18	3.64		.045553	2185	VV	0.0000	
19	3.74		.067073	10238	VV	0.0000	
20	3.87		.103409	5305	VV	0.0000	
21	3.97		.060741	14488	VV	0.0000	
22	4.17		.087160	5957	VV	0.0000	
23	4.34		.084028	14223	VV	0.0000	
24	4.45		.058472	4614	VV	0.0000	
25	4.54		.063211	5774	VV	0.0000	
26	4.67		.101013	14706	VV	0.0000	
27	4.96		.134562	29619	VV	0.0000	
28	5.22		.181830	39467	VV	0.0000	
29	5.41		.186585	31150	VV	0.0000	
30	5.58		.110484	22146	VV	0.0000	
31	5.70		.129011	24658	VV	0.0000	
32	5.97		.245100	36996	VV	0.0000	
33	6.12		.142144	22338	VV	0.0000	
34	6.32		.164430	30722	VV	0.0000	
35	6.65		.408570	60394	VV	0.0000	
36	6.94		.172110	27861	VV	0.0000	
37	7.03		.076869	8586	VV	0.0000	
38	7.17		.122683	16961	VV	0.0000	
39	8.24		.872561	76466	VV	0.0000	

0397

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	8.53		.124587	4032	VV	0.0000	
41	8.79		.069350	26566	VV	0.0000	
42	10.06	10.06	.066883	393211	BB	3.6459	Tetrachloro-m-xylene
43	11.64		.086917	5017	BV	0.0000	
44	13.25		.408949	22785	VV	0.0000	
45	13.59		.294145	16134	VV	0.0000	
46	13.94		.197774	9953	VV	0.0000	
47	14.22		.224042	16317	VV	0.0000	
48	14.90		.471233	41672	VV	0.0000	
49	15.43		.394780	46451	VV	0.0000	
50	16.99		.684578	138778	VV	0.0000	
51	17.99		.734317	93010	VV	0.0000	
52	22.98		3.304691	364413	VV	0.0000	
53	24.62	24.68	1.291106	159629	VV	4.6748	Methoxychlor
54	28.88	#28.88	.089930	340729	BB	3.4449	Decachlorobiphenyl
55	31.74		1.941516	234245	BB	0.0000	

M31/4/97

Total Area : 3434206 Total PPB : 11.766

Report Time : 1552 08May1998
 Method : /DATA/LOOP/METHOD/A4524_072.MT
 Result File : /HP58904/RESULT/A4524072.RES

0398

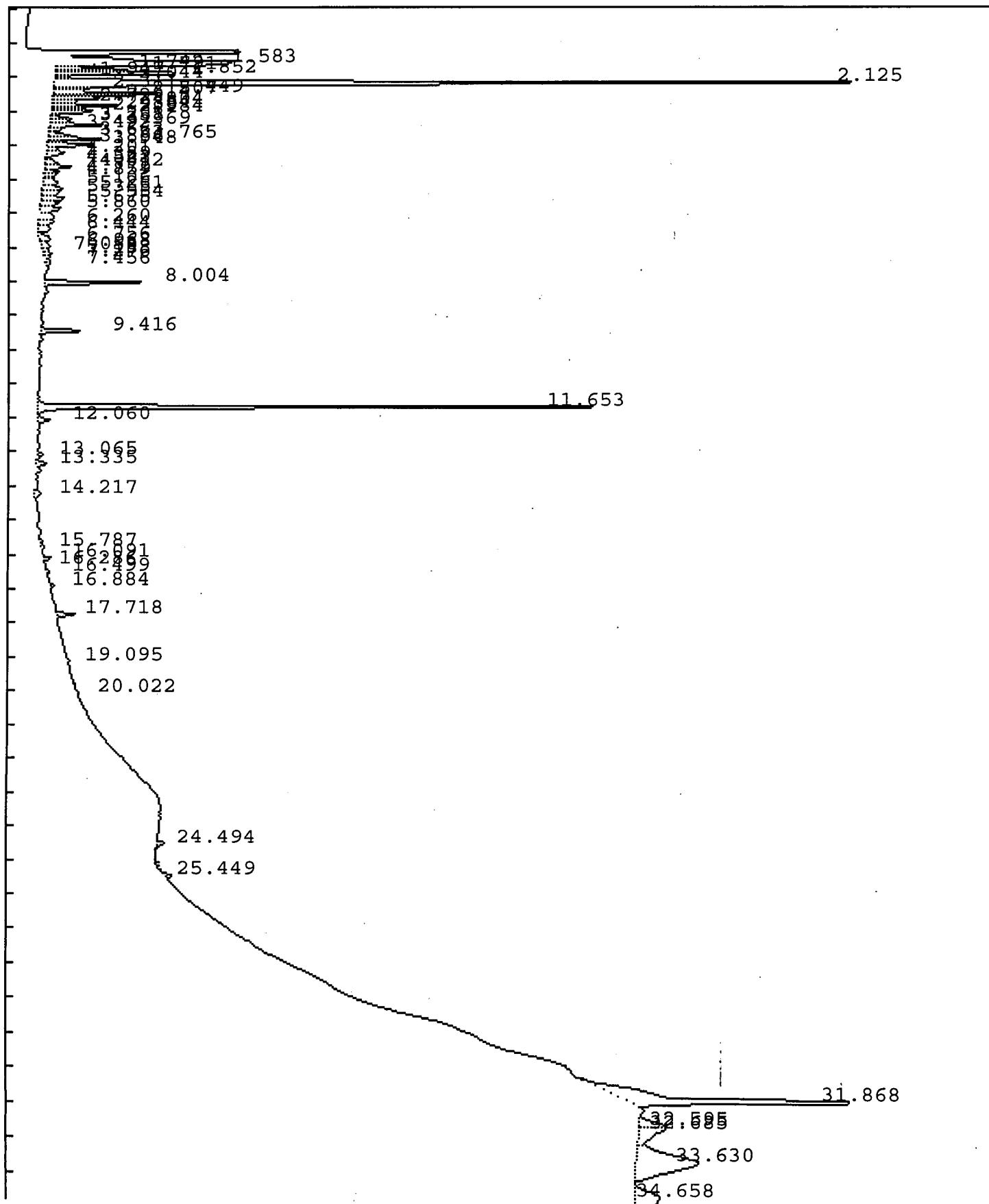
IEA Pesticide Standard Report

Sample Name : 042798-B02 PBLK41 A/S Inj on 0757 05May1998

Result File : /HP58904B/RESULT/B4509111.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 μ l

IEA Pesticide Standard Report

Sample Name : 042798-B02 PBLK41 A/S Report No : 27.10
 Result File : /HP58904B/RESULT/B4509111.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0757 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 12 Bottle no. : 12

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
1	1.58		.043830		98248	BV	0.0000	
2	1.74		.049617		59453	PV	0.0000	
3	1.79		.037356		43214	VV	0.0000	
4	1.85		.056823		160964	VV	0.0000	
5	1.95		.037307		9491	VV	0.0000	
6	2.04		.038288		48020	VV	0.0000	
7	2.12		.058862		1503371	VV	0.0000	
8	2.31		.057162		42138	VV	0.0000	
9	2.45		.056919		109854	VV	0.0000	
10	2.51		.053464		73146	VV	0.0000	
11	2.61		.048380		47550	VV	0.0000	
12	2.72		.064872		30956	VV	0.0000	
13	2.80		.051490		59442	VV	0.0000	
14	2.88		.049540		28967	VV	0.0000	
15	2.94		.034766		17486	VV	0.0000	
16	2.98		.057901		45197	VV	0.0000	
17	3.20		.081926		28446	VV	0.0000	
18	3.26		.060079		16510	VV	0.0000	
19	3.37		.076221		62674	VV	0.0000	
20	3.49		.082312		17834	VV	0.0000	
21	3.66		.073067		28446	VV	0.0000	
22	3.76		.054875		60436	VV	0.0000	
23	3.87		.057547		16192	VV	0.0000	
24	3.95		.073175		61034	VV	0.0000	
25	4.20		.131053		33632	VV	0.0000	
26	4.39		.060758		5589	VV	0.0000	
27	4.52		.101382		18233	VV	0.0000	
28	4.61		.082262		34602	VV	0.0000	
29	4.77		.095737		22579	VV	0.0000	
30	4.86		.070938		12853	VV	0.0000	
31	5.11		.151468		34023	VV	0.0000	
32	5.26		.122729		36643	VV	0.0000	
33	5.36		.133182		31347	VV	0.0000	
34	5.55		.100857		41709	VV	0.0000	
35	5.67		.142766		35752	VV	0.0000	
36	5.86		.121972		44911	VV	0.0000	
37	6.26		.103873		25435	VV	0.0000	
38	6.44		.184549		32472	VV	0.0000	
39	6.76		.192641		30001	PV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	6.97		.167874	20597	VV	0.0000	
41	7.06		.093714	8758	VV	0.0000	
42	7.19		.076857	11641	VV	0.0000	
43	7.28		.077326	7586	VV	0.0000	
44	7.46		.090108	6874	VV	0.0000	
45	8.00		.077877	117290	BV	0.0000	
46	9.42		.083474	58214	VV	0.0000	
47	11.65	11.64	.073493	648904	VV	4.0924	Tetrachloro-m-xylene
48	12.06		.100581	17440	VV	0.0000	
49	13.07		.078466	7857	VV	0.0000	
50	13.34		.110770	15798	VV	0.0000	
51	14.22		.147366	13197	VV	0.0000	
52	15.79		.174071	10912	PV	0.0000	
53	16.09		.103969	12434	PV	0.0000	
54	16.29		.061758	1367	PV	0.0000	
55	16.50		.103972	4097	VV	0.0000	
56	16.88	16.87	.093144	6117	VV	.0335	delta-BHC 15/1448
57	17.72		.088988	25091	BV	0.0000	
58	19.10		.093906	3205	BV	0.0000	
59	20.02		.039707	1412	BV	0.0000	
60	24.49		.110517	13298	BB	0.0000	
61	25.45		.032357	3317	PV	0.0000	
62	31.87	#31.88	.137290	873474	BB	7.6062	Decachlorobiphenyl
63	32.60		.181785	66231	VV	0.0000	
64	32.68		.292052	105552	VV	0.0000	
65	33.63		.574535	494632	VV	0.0000	
66	34.66		.573278	201236	PB	0.0000	

Total Area : 5865382 Total PPB : 11.732

Report Time : 1800 11May1998
 Method : /DATA/LOOP/METHOD/B4509_111.MT
 Result File : /HP58904B/RESULT/B4509111.RES

0401

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: PIBLK

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Matrix: (soil/water) : _____ Lab Sample ID: PIBLK

Sample wt/vol: _____ (g/ml) _____ Lab File ID: A4524062

% Moisture: _____ decanted: (Y/N) _____ Date Received : _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed : 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/L
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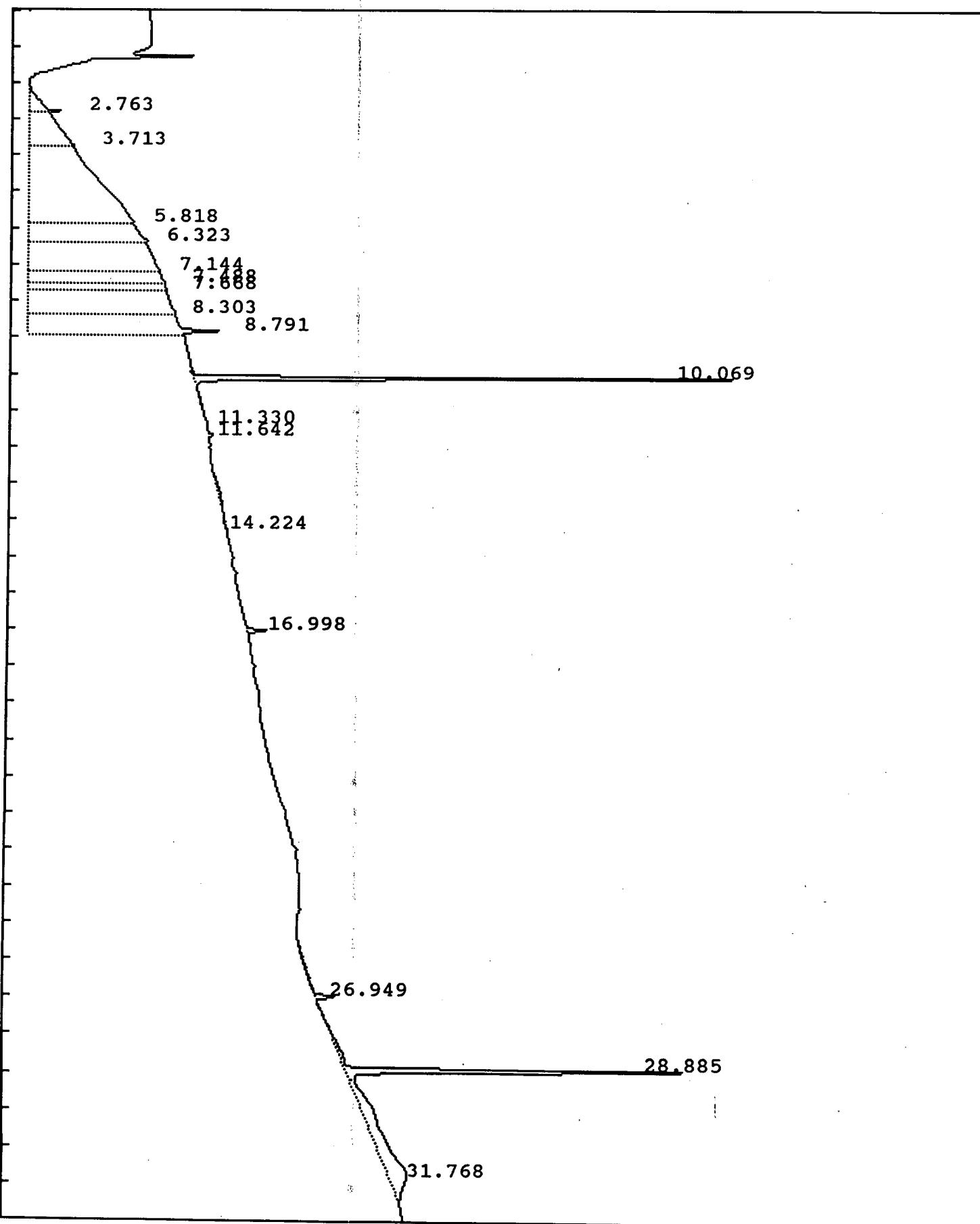
<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>1.0</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>2.0</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>1.0</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>1.0</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>1.0</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1.0</u>	<u>U</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>1.0</u>	<u>U</u>

0402

IEA Pesticide Standard Report

Sample Name : PIBLK
Result File : /DATA/LOOP/RESULT/A4524062.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1709 30Apr1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLK Report No : 62.00
 Result File : /DATA/LOOP/RESULT/A4524062.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1709 30Apr1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 62 Bottle no. : 62

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.212955	85835	VV	0.0000	
2	3.71		.657875	333999	VV	0.0000	
3	5.82		1.497123	1721083	VV	0.0000	
4	6.32		.488894	643121	VV	0.0000	
5	7.14		.759169	1093211	VV	0.0000	
6	7.49		.340653	512496	VV	0.0000	
7	7.67		.169241	256366	VV	0.0000	
8	8.30		.615817	989854	VV	0.0000	
9	8.79		.447009	955105	VV	0.0000	
10	10.07	10.06	.063269	443147	BB	.1233	Tetrachloro-m-xylene
11	11.33		.046183	610	BB	0.0000	
12	11.64		.061959	3664	BB	0.0000	
13	14.22		1.292867	19318	BV	0.0000	
14	17.00		.077349	16883	BB	0.0000	
15	26.95		.043280	9832	BV	0.0000	
16	28.88	#28.88	.096751	394155	PV	.1196	Decachlorobiphenyl
17	31.77		2.070240	416854	VV	0.0000	

Total Area : 7895536 Total PPB : .243

Report Time : 1743 30Apr1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524062.RES

0404

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: PIBLK

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Matrix: (soil/water) : _____ Lab Sample ID: PIBLK

Sample wt/vol: _____ (g/ml) _____ Lab File ID: A4524080

% Moisture: _____ decanted: (Y/N) _____ Date Received : _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed : 05/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ Sulfur Cleanup: (Y/N) _____

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/L</u>

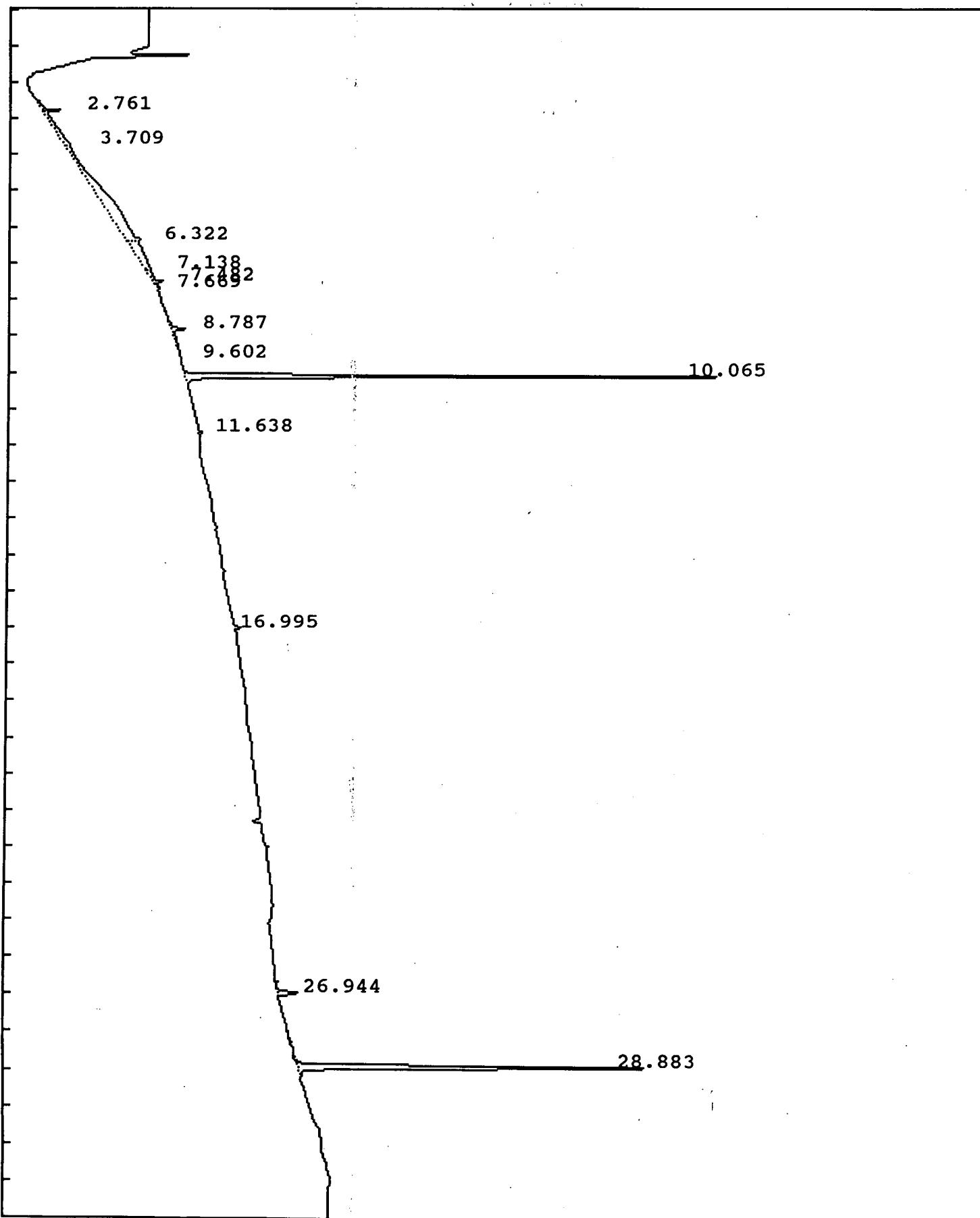
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

0405

IEA Pesticide Standard Report

Sample Name : PIBLK
Result File : /DATA/LOOP/RESULT/A4524080.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0703 01May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



0406

IEA Pesticide Standard Report

Sample Name : PIBLK Report No : 80.00
 Result File : /DATA/LOOP/RESULT/A4524080.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0703 01May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 80 Bottle no. : 80

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.081927	22910	PV	0.0000	
2	3.71		.586304	44805	VV	0.0000	
3	6.32		1.382009	264663	VV	0.0000	
4	7.14		.927945	75077	VV	0.0000	
5	7.48		.161415	22443	VV	0.0000	
6	7.67		.088213	3563	VB	0.0000	
7	8.79		.100575	17129	BV	0.0000	
8	9.60		.762738	11209	VB	0.0000	
9	10.06	10.06	.062536	425799	BB	.1185	Tetrachloro-m-xylene
10	11.64		.150500	9134	BB	0.0000	
11	16.99		.073778	5096	BB	0.0000	
12	26.94		.090989	21072	BB	0.0000	
13	28.88	#28.88	.083960	345255	BB	.1047	Decachlorobiphenyl

Total Area : 1268155 Total PPB : .223

Report Time : 0738 01May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524080.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

0407

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>PIBLK</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water): _____	Lab Sample ID: <u>PIBLK</u>	
Sample wt/vol: _____ (g/ml) _____	Lab File ID: <u>A4524099</u>	
% Moisture: _____ decanted: (Y/N) _____	Date Received : _____	
Extraction: (SepF/Cont/Sonc) _____	Date Extracted: _____	
Concentrated Extract Volume: _____ (uL)	Date Analyzed : <u>05/01/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>1.0</u>	
GPC Cleanup: (Y/N) _____ pH: _____	Sulfur Cleanup: (Y/N) _____	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/L	
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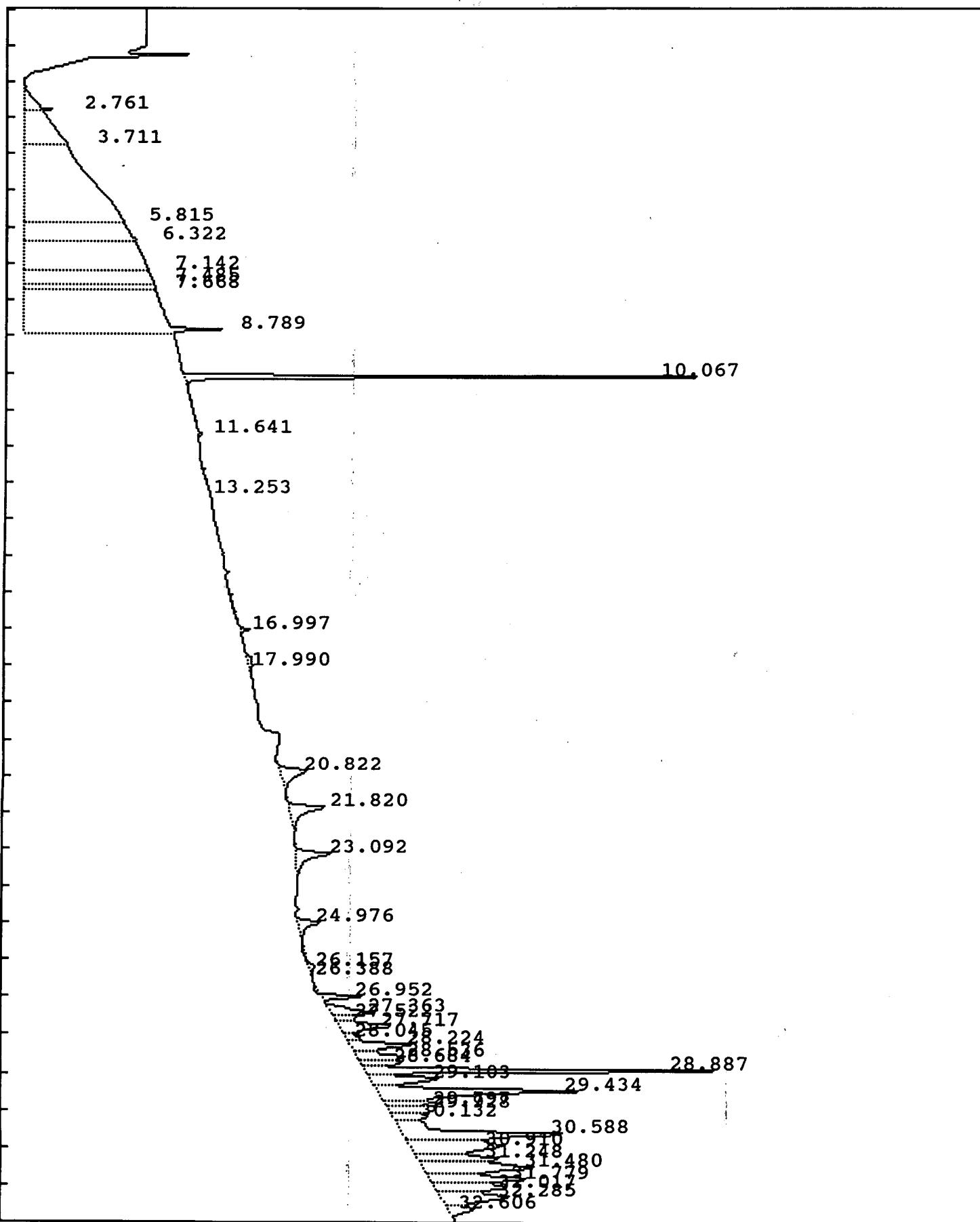
<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>1.0</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>2.0</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>1.0</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>1.0</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>1.0</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1.0</u>	<u>U</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>1.0</u>	<u>U</u>

0408

IEA Pesticide Standard Report

Sample Name : PIBLK
Result File : /DATA/LOOP/RESULT/A4524099.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 2237 01May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLK Report No : 99.00
 Result File : /DATA/LOOP/RESULT/A4524099.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2237 01May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 99 Bottle no. : 99

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.222136	78190	VV	0.0000	
2	3.71		.660501	319261	VV	0.0000	
3	5.81		1.504193	1642474	VV	0.0000	
4	6.32		.496697	620701	VV	0.0000	
5	7.14		.747493	1021250	VV	0.0000	
6	7.48		.348222	498266	VV	0.0000	
7	7.67		.168907	244221	VV	0.0000	
8	8.79		.841902	1868977	VV	0.0000	
9	10.07	10.06	.063838	417869	BB	.1162	Tetrachloro-m-xylene
10	11.64		.163498	9516	BB	0.0000	
11	13.25		.069607	1127	BB	0.0000	
12	17.00		.028233	3059	BB	0.0000	
13	17.99		.357695	14462	BB	0.0000	
14	20.82		.269983	82381	BB	0.0000	
15	21.82		.243633	100434	BB	0.0000	
16	23.09		.232322	92612	BB	0.0000	
17	24.98		.212212	53250	PB	0.0000	
18	26.16	26.22	.093703	5727	BV	.0023	Endrin ketone
19	26.39		.167438	4549	VV	0.0000	
20	26.95		.083697	40073	PV	0.0000	
21	27.36		.186216	89601	PV	0.0000	
22	27.52		.105335	25531	VV	0.0000	
23	27.72		.192791	116509	VV	0.0000	
24	28.05		.129548	20733	VV	0.0000	
25	28.22		.172391	121212	VV	0.0000	
26	28.54		.153990	83461	VV	0.0000	
27	28.68		.141037	64177	VV	0.0000	
28	28.89	#28.88	.090328	381600	VV	.1158	Decachlorobiphenyl
29	29.10		.203759	153829	VV	0.0000	
30	29.43		.182847	414650	VV	0.0000	
31	29.80		.135531	78607	VV	0.0000	
32	29.93		.173775	91790	VV	0.0000	
33	30.13		.152960	59952	VV	0.0000	
34	30.59		.223611	408479	VV	0.0000	
35	30.91		.296341	290520	VV	0.0000	
36	31.25		.165349	152307	VV	0.0000	
37	31.48		.247712	303160	VV	0.0000	
38	31.78		.184339	198393	VV	0.0000	
39	32.02		.195165	153268	VV	0.0000	

0410

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	32.28		.241999	180580	VV	0.0000	
41	32.61		.184781	53264	VV	0.0000	

Total Area : 10560026 Total PPB : .234

Report Time : 2311 01May1998
Method : /DATA/LOOP/METHOD/A4524.MTH
Result File : /DATA/LOOP/RESULT/A4524099.RES

0411

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>PIBLK</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water): _____	Lab Sample ID: <u>PIBLK</u>	
Sample wt/vol: _____ (g/ml) _____	Lab File ID: <u>A4524109</u>	
% Moisture: _____ decanted: (Y/N) _____	Date Received : _____	
Extraction: (SepF/Cont/Sonc) _____	Date Extracted: _____	
Concentrated Extract Volume: _____ (uL)	Date Analyzed : <u>05/04/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>1.0</u>	
GPC Cleanup: (Y/N) _____ pH: _____	Sulfur Cleanup: (Y/N) _____	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/L	
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>1.0</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>2.0</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>1.0</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>1.0</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>1.0</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1.0</u>	<u>U</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>1.0</u>	<u>U</u>

IEA Pesticide Standard Report

0412

Sample Name : PIBLK

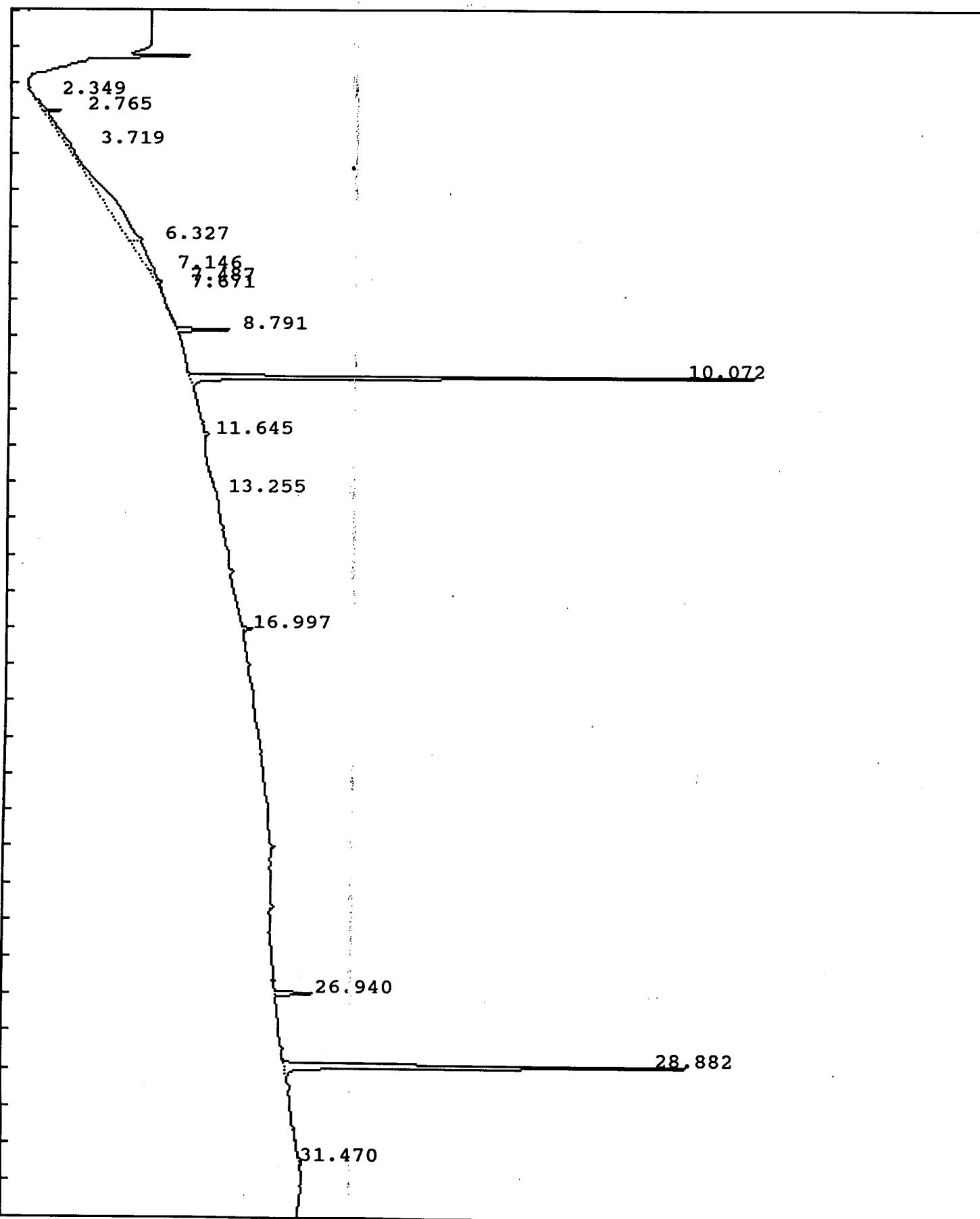
Inj on 2026 04May1998

Result File : /DATA/LOOP/RESULT/A4524109.RES

INSTRUMENT: HP58904A

Column Type : DB-1701 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



0413

IEA Pesticide Standard Report

Sample Name : PIBLK Report No : 3.00
 Result File : /DATA/LOOP/RESULT/A4524109.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 2026 04May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 10 Bottle no. : 10

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.35		.054858	1212	PV	0.0000	
2	2.76		.085990	23772	VV	0.0000	
3	3.72		.673246	46225	VV	0.0000	
4	6.33		1.402673	261959	VV	0.0000	
5	7.15		.907620	74683	VV	0.0000	
6	7.49		.222385	18094	VV	0.0000	
7	7.67		.107651	3155	VB	0.0000	
8	8.79		.060061	38546	BV	0.0000	
9	10.07	10.06	.065751	488178	BB	.1358	Tetrachloro-m-xylene
10	11.65		.063477	4209	BB	0.0000	
11	13.25		.059433	929	BB	0.0000	
12	17.00		.098757	11303	BB	0.0000	
13	26.94		.089715	37370	BB	0.0000	
14	28.88	#28.88	.089262	414555	BB	.1258	Decachlorobiphenyl
15	31.47		.334100	10399	BB	0.0000	

Total Area : 1434590 Total PPB : .262

Report Time : 2106 04May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524109.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

0414

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>PIBLK</u>	
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>	
Matrix: (soil/water): _____	Lab Sample ID: <u>PIBLK</u>		
Sample wt/vol: _____ (g/ml) _____	Lab File ID: <u>A4524126</u>		
% Moisture: _____ decanted: (Y/N) _____	Date Received : _____		
Extraction: (SepF/Cont/Sonc) _____	Date Extracted: _____		
Concentrated Extract Volume: _____ (uL)	Date Analyzed : <u>05/05/98</u>		
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>1.0</u>		
GPC Cleanup: (Y/N) _____ pH: _____	Sulfur Cleanup: (Y/N) _____		
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/L	

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>1.0</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>2.0</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>1.0</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>1.0</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>1.0</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1.0</u>	<u>U</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>1.0</u>	<u>U</u>

0415

IEA Pesticide Standard Report

Sample Name : PIBLK

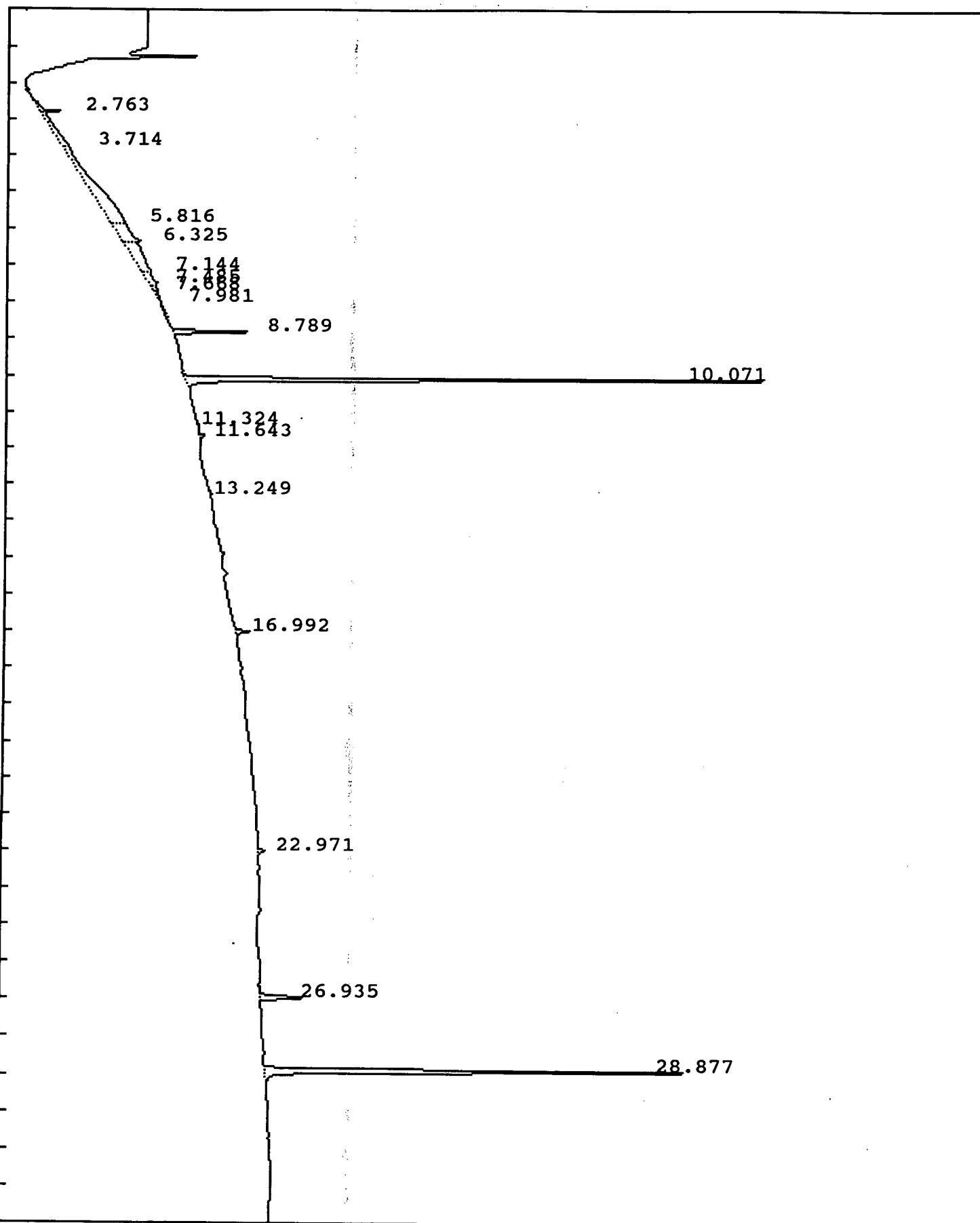
Result File : /DATA/LOOP/RESULT/A4524126.RES

Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0929 05May1998

INSTRUMENT: HP58904A

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLK Report No : 20.00
 Result File : /DATA/LOOP/RESULT/A4524126.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0929 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2/ 27 Bottle no. : 27

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.088931	27586	PV	0.0000	
2	3.71		.593834	56845	VV	0.0000	
3	5.82		1.400343	240400	VV	0.0000	
4	6.32		.396138	87615	VV	0.0000	
5	7.14		.852743	100919	VV	0.0000	
6	7.48		.262027	30756	VV	0.0000	
7	7.67		.133113	9035	VV	0.0000	
8	7.98		.319764	6435	VB	0.0000	
9	8.79		.060806	54848	BV	0.0000	
10	10.07	10.06	.066035	495806	BB	.1379	Tetrachloro-m-xylene
11	11.32		.006020	74	BB	0.0000	
12	11.64		.065010	4393	BB	0.0000	
13	13.25		.061074	1453	BB	0.0000	
14	16.99		.082110	13994	BB	0.0000	
15	22.97		.080083	6991	BB	0.0000	
16	26.94		.094131	45769	BB	0.0000	
17	28.88	#28.88	.087325	422452	BB	.1281	Decachlorobiphenyl

Total Area : 1605371 Total PPB : .266

Report Time : 1014 05May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524126.RES

0417

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>PIBLK</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water): _____	Lab Sample ID: <u>PIBLK</u>	
Sample wt/vol: _____ (g/ml) _____	Lab File ID: <u>A4524135</u>	
% Moisture: _____ decanted: (Y/N) _____	Date Received : _____	
Extraction: (SepF/Cont/Sonc) _____	Date Extracted: _____	
Concentrated Extract Volume: _____ (uL)	Date Analyzed : <u>05/05/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>1.0</u>	
GPC Cleanup: (Y/N) _____ pH: _____	Sulfur Cleanup: (Y/N) _____	

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/L	
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>1.0</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>2.0</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>1.0</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>1.0</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>1.0</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1.0</u>	<u>U</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>1.0</u>	<u>U</u>

0418

IEA Pesticide Standard Report

Sample Name : PIBLK

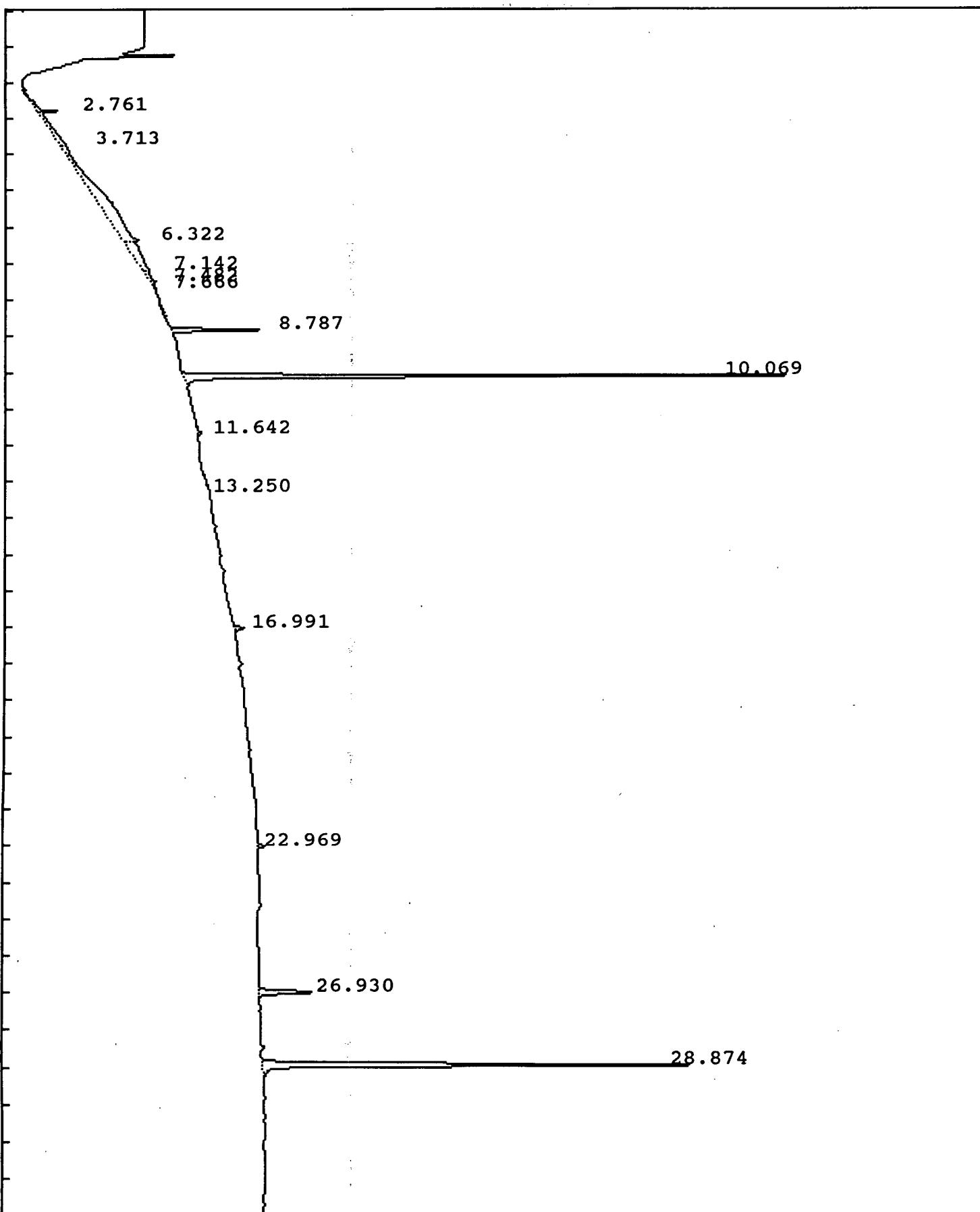
Result File : /DATA/LOOP/RESULT/A4524135.RES

Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1629 05May1998

INSTRUMENT: HP58904A

Inj. Vol. : 1 ul



0419

IEA Pesticide Standard Report

Sample Name : PIBLK Report No : 29.00
 Result File : /DATA/LOOP/RESULT/A4524135.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1629 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2/ 36 Bottle no. : 36

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.086752	25096	PV	0.0000	
2	3.71		.608991	49832	VV	0.0000	
3	6.32		1.422698	279180	VV	0.0000	
4	7.14		.887869	77042	VV	0.0000	
5	7.48		.222594	19071	VV	0.0000	
6	7.67		.101943	3375	VB	0.0000	
7	8.79		.060976	66645	BV	0.0000	
8	10.07	10.06	.065214	505573	BB	.1406	Tetrachloro-m-xylene
9	11.64		.096223	6563	BB	0.0000	
10	13.25		.051516	665	BB	0.0000	
11	16.99		.081077	9741	BB	0.0000	
12	22.97		.081377	6970	BB	0.0000	
13	26.93		.092399	58293	BB	0.0000	
14	28.87	#28.88	.087758	433794	BB	.1316	Decachlorobiphenyl

Total Area : 1541840 Total PPB : .272

Report Time : 1712 05May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524135.RES

0420

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: PIBLK

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Matrix: (soil/water) : _____ Lab Sample ID: PIBLK

Sample wt/vol: _____ (g/ml) _____ Lab File ID: A4524153

% Moisture: _____ decanted: (Y/N) _____ Date Received : _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed : 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/L</u>

12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

0421

IEA Pesticide Standard Report

Sample Name : PIBLK

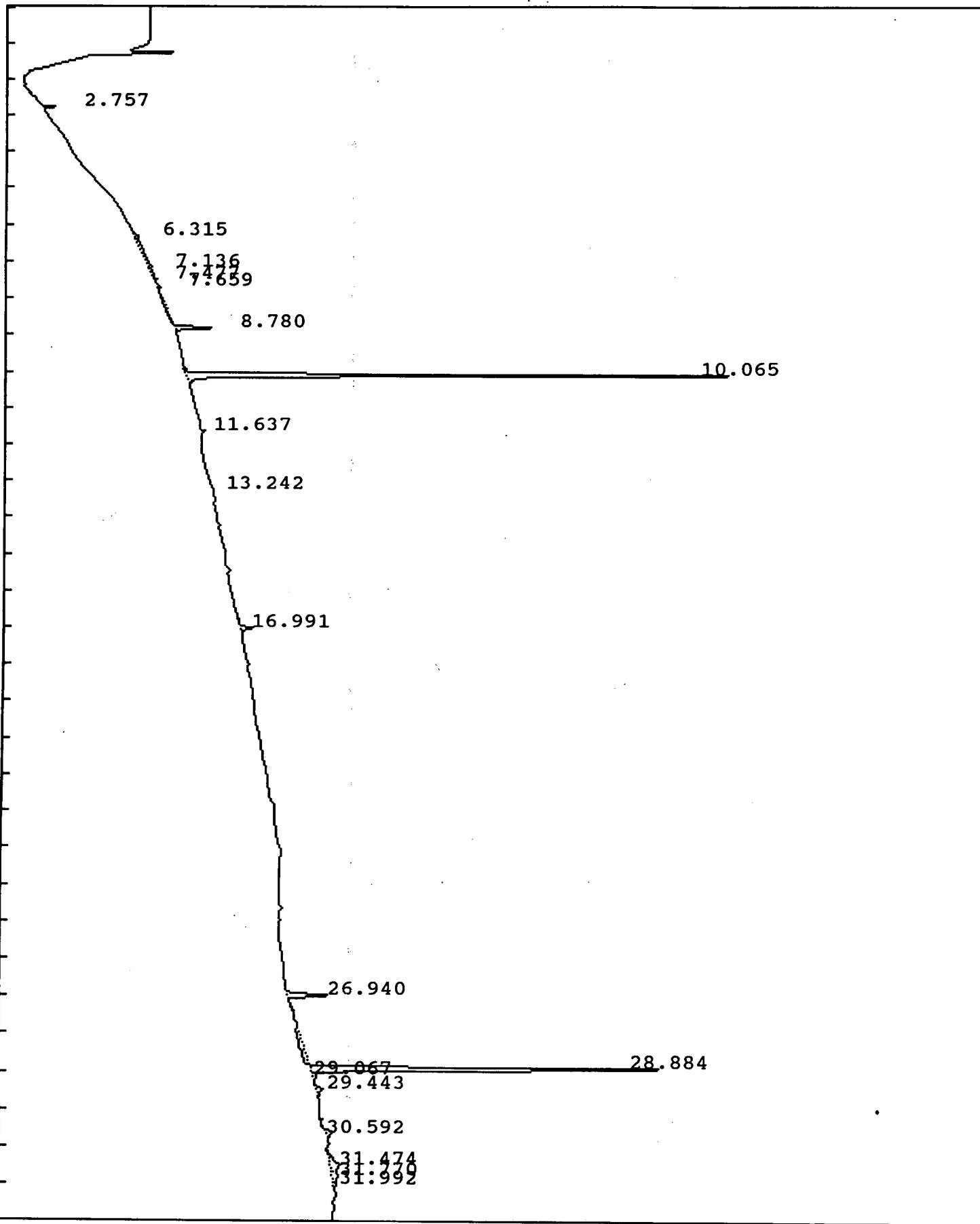
Result File : /DATA/LOOP/RESULT/A4524153.RES

Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0856 06May1998

INSTRUMENT: HP58904A

Inj. Vol. : 1 ul



0422

IEA Pesticide Standard Report

Sample Name : PIBLK Report No : 47.00
 Result File : /DATA/LOOP/RESULT/A4524153.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0856 06May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 54 Bottle no. : 54

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.76		.048126	9738	PV	0.0000	
2	6.32		.099213	7684	BV	0.0000	
3	7.14		.575619	22436	VV	0.0000	
4	7.48		.174316	7501	VV	0.0000	
5	7.66		.087795	1546	VB	0.0000	
6	8.78		.040176	19039	BV	0.0000	
7	10.06	10.06	.064316	438699	BB	.1220	Tetrachloro-m-xylene
8	11.64		.062879	3748	BB	0.0000	
9	13.24		.048501	986	BB	0.0000	
10	16.99		.077819	11352	BB	0.0000	
11	26.94		.089916	41259	BV	0.0000	
12	28.88	#28.88	.077859	322172	PV	.0977	Decachlorobiphenyl
13	29.07		.129626	5188	VB	0.0000	
14	29.44		.159041	11108	BB	0.0000	
15	30.59		.127579	9218	BB	0.0000	
16	31.47		.278706	27469	BV	0.0000	
17	31.77		.218043	15325	VV	0.0000	
18	31.99		.134603	5371	VV	0.0000	

Total Area : 959840 Total PPB : .220

Report Time : 0931 06May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524153.RES

0423

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEETLab Name: IEA-CT Contract: _____ Client ID: PIBLKLab Code: IEACT Case No.: 0920A SDG No.: A0920Matrix: (soil/water) : _____ Lab Sample ID: PIBLK _____Sample wt/vol: _____ (g/ml) _____ Lab File ID: B4509102

% Moisture: _____ decanted: (Y/N) _____ Date Received : _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed : 05/05/98Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

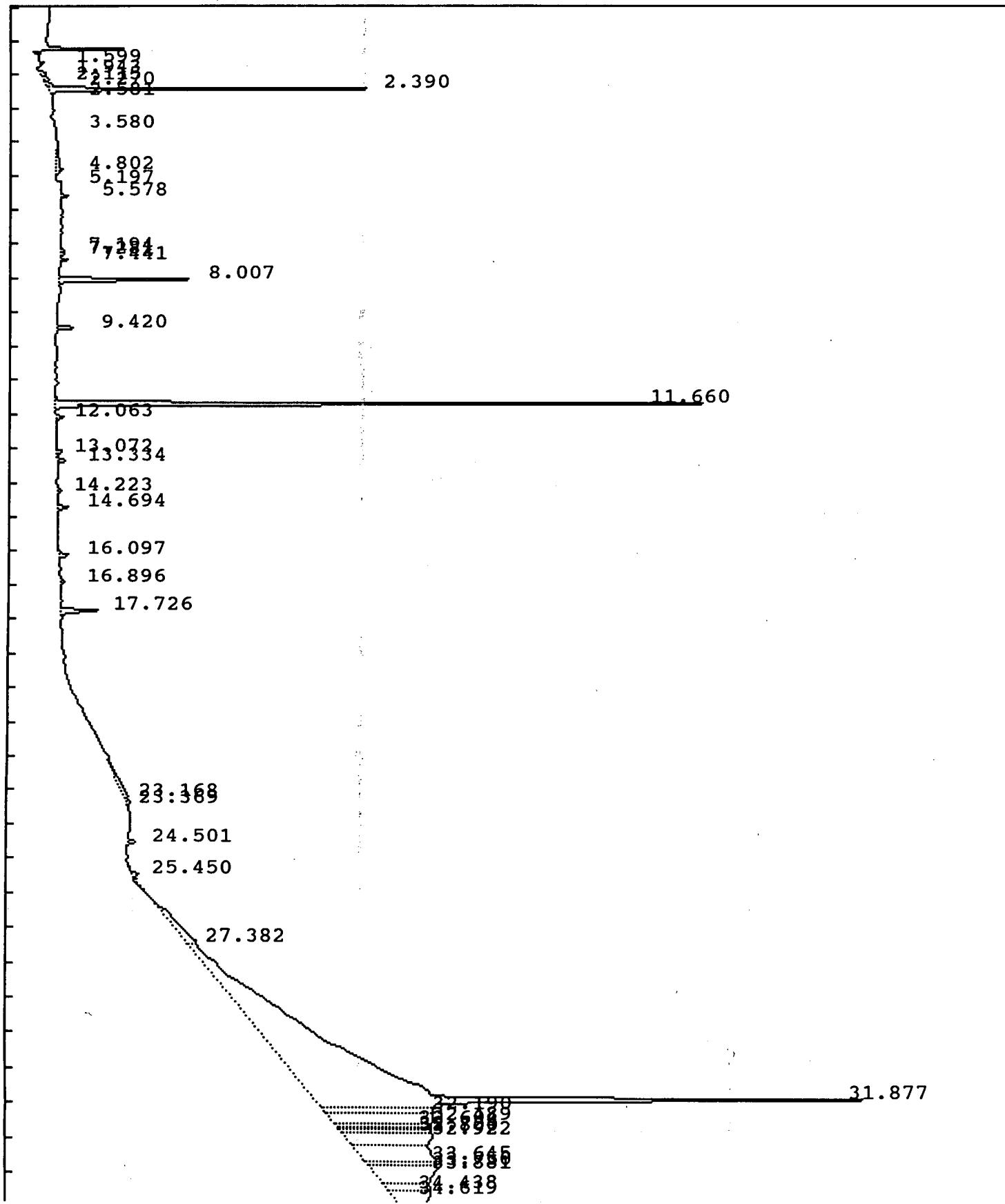
CAS NO. COMPOUND CONCENTRATION UNITS: Q
(ug/L or ug/Kg) UG/L

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>1.0</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>2.0</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>1.0</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>1.0</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>1.0</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1.0</u>	<u>U</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>1.0</u>	<u>U</u>

0424

IEA Pesticide Standard Report

Sample Name : PIBLK Inj on 0102 05May1998
Result File : /DATA/LOOP/RESULT/B4509102.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



0425

IEA Pesticide Standard Report

Sample Name : PIBLK Report No : 18.00
 Result File : /DATA/LOOP/RESULT/B4509102.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.02 Mins. Injected on 0102 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 3 Bottle no. : 3

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
1	1.60		.028029		3397	BB	0.0000	
2	1.94		.122484		15438	PV	0.0000	
3	2.11		.102366		10064	VV	0.0000	
4	2.27		.069226		11198	VV	0.0000	
5	2.39		.050638		293602	VV	0.0000	
6	2.58		.049234		1668	VB	0.0000	
7	3.58		.128516		2473	BV	0.0000	
8	4.80		.373350		39999	VV	0.0000	
9	5.20		.094677		4817	PB	0.0000	
10	5.58		.086859		8982	BB	0.0000	
11	7.19		.088021		6287	BV	0.0000	
12	7.28		.062365		4824	VV	0.0000	
13	7.44		.071171		8262	PB	0.0000	
14	8.01		.078520		159587	BV	0.0000	
15	9.42		.079718		23024	BB	0.0000	
16	11.66	11.64	.072838		775458	BV	.1467	Tetrachloro-m-xylene
17	12.06		.089971		9738	PB	0.0000	
18	13.07		.069942		7024	BB	0.0000	
19	13.33		.085195		10651	BV	0.0000	
20	14.22		.112266		6972	BB	0.0000	
21	14.69		.081717		14596	BB	0.0000	
22	16.10		.095777		14729	BB	0.0000	
23	16.90	16.87	.091661		5022	BB	.0008	delta-BHC
24	17.73		.097261		55729	BB	0.0000	
25	23.17		.796135		53481	VV	0.0000	
26	23.37	23.31	.161000		10960	VB	.0024	Endosulfan II
27	24.50		.108036		11514	BB	0.0000	
28	25.45		.100957		10931	PV	0.0000	
29	27.38		.722373		117799	PV	0.0000	
30	31.88	#31.88	.521437		4422058	VV	1.1553	Decachlorobiphenyl
31	32.19		.138981		215424	VV	0.0000	
32	32.49		.284197		406193	VV	0.0000	
33	32.60		.125457		170278	VV	0.0000	
34	32.72		.065868		86175	VV	0.0000	
35	32.80		.074375		94538	VV	0.0000	
36	32.92		.365764		458705	VV	0.0000	
37	33.65		.445015		446100	VV	0.0000	
38	33.75		.119382		115357	VV	0.0000	
39	33.88		.451735		421876	VV	0.0000	

0426

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: PIBLK

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Matrix: (soil/water) : _____ Lab Sample ID: PIBLK

Sample wt/vol: _____ (g/ml) _____ Lab File ID: B4509120

% Moisture: _____ decanted: (Y/N) _____ Date Received : _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed : 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) _____ Sulfur Cleanup: (Y/N) _____

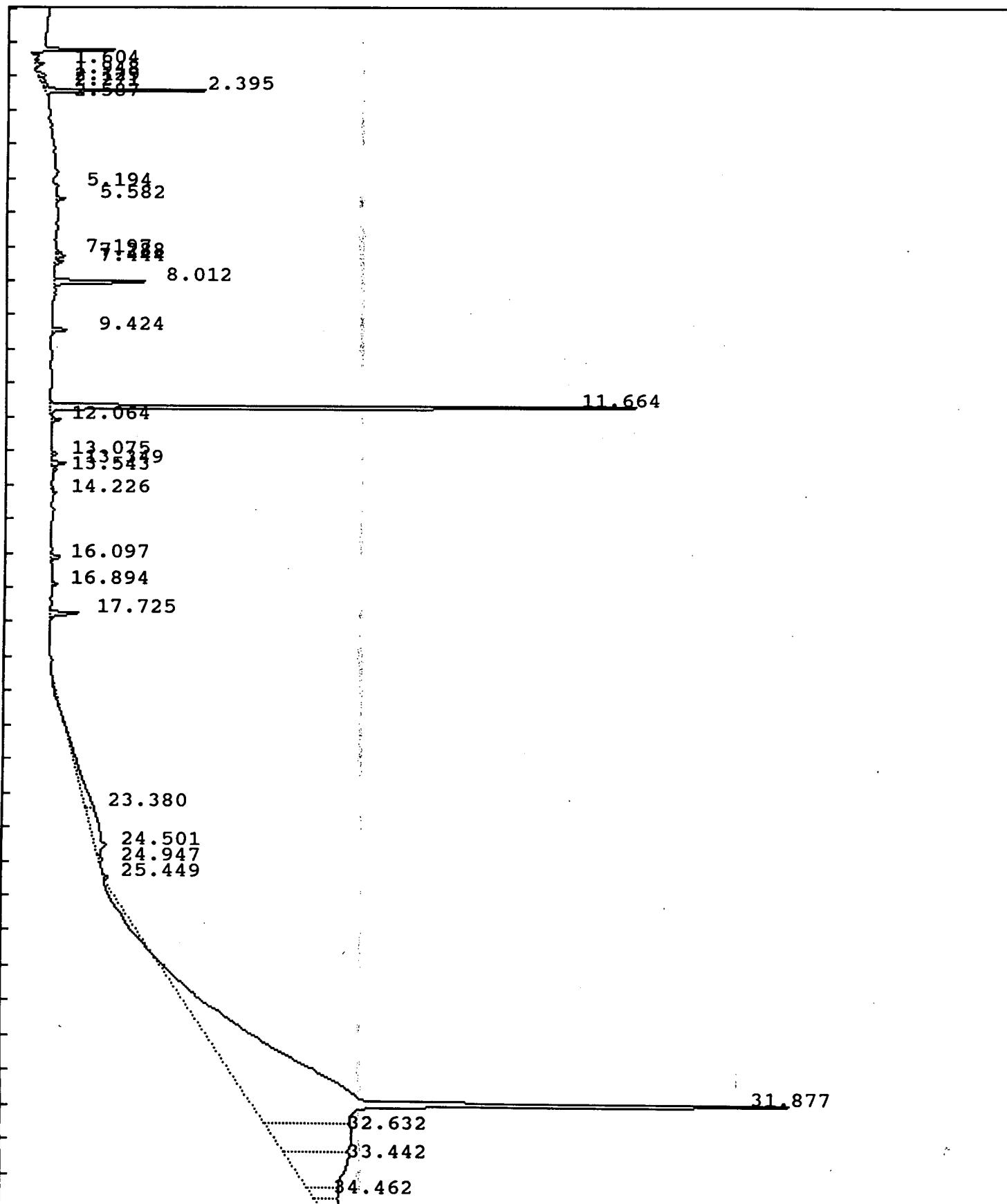
CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	<u>UG/L</u>

12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

0427

IEA Pesticide Standard Report

Sample Name : PIBLK Inj on 1457 05May1998
Result File : /DATA/LOOP/RESULT/B4509120.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLK Report No : 36.00
 Result File : /DATA/LOOP/RESULT/B4509120.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1457 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 21 Bottle no. : 21

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.60		.073184	11652	BV	0.0000	
2	1.95		.119290	16290	PV	0.0000	
3	2.13		.111239	8312	VV	0.0000	
4	2.27		.109038	9664	VV	0.0000	
5	2.39		.052219	159143	VV	0.0000	
6	2.59		.053283	948	VV	0.0000	
7	5.19		.059936	2316	BB	0.0000	
8	5.58		.072317	10868	BB	0.0000	
9	7.20		.073263	8584	BV	0.0000	
10	7.29		.064490	10429	VV	0.0000	
11	7.44		.071069	9482	BV	0.0000	
12	8.01		.080214	120890	BV	0.0000	
13	9.42		.081580	21020	BB	0.0000	
14	11.66	11.64	.072831	769826	BV	.1457	Tetrachloro-m-xylene
15	12.06		.083650	12804	PB	0.0000	
16	13.08		.064611	6295	BB	0.0000	
17	13.35		.080598	18642	BV	0.0000	
18	13.54		.081060	5233	VB	0.0000	
19	14.23		.094490	7224	BB	0.0000	
20	16.10		.092693	12524	BB	0.0000	
21	16.89	16.87	.082786	6591	BB	.0011	delta-BHC
22	17.73		.093505	41538	BB	0.0000	
23	23.38	23.31	1.000983	126179	BV	.0272	Endosulfan II
24	24.50		.915222	153345	VV	0.0000	
25	24.95	24.98	.201999	10637	VV	.0022	Endosulfan sulfate
26	25.45		.164784	13183	VV	0.0000	
27	31.88	#31.88	.495987	4190148	PV	1.0947	Decachlorobiphenyl
28	32.63		.769336	904542	VV	0.0000	
29	33.44		.812748	710196	VV	0.0000	
30	34.46		.312293	129595	VV	0.0000	
31	35.65		2.317837	200407	VV	0.0000	

Total Area : 7708511 Total PPB : 1.271

Report Time : 1555 05May1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509120.RES

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>PIBLK</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water): _____	Lab Sample ID: <u>PIBLK</u>	
Sample wt/vol: _____ (g/ml) _____	Lab File ID: <u>B4509138</u>	
% Moisture: _____ decanted: (Y/N) _____	Date Received : _____	
Extraction: (SepF/Cont/Sonc) _____	Date Extracted: _____	
Concentrated Extract Volume: _____ (uL)	Date Analyzed : <u>05/06/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>1.0</u>	
GPC Cleanup: (Y/N) _____ pH: _____	Sulfur Cleanup: (Y/N) _____	

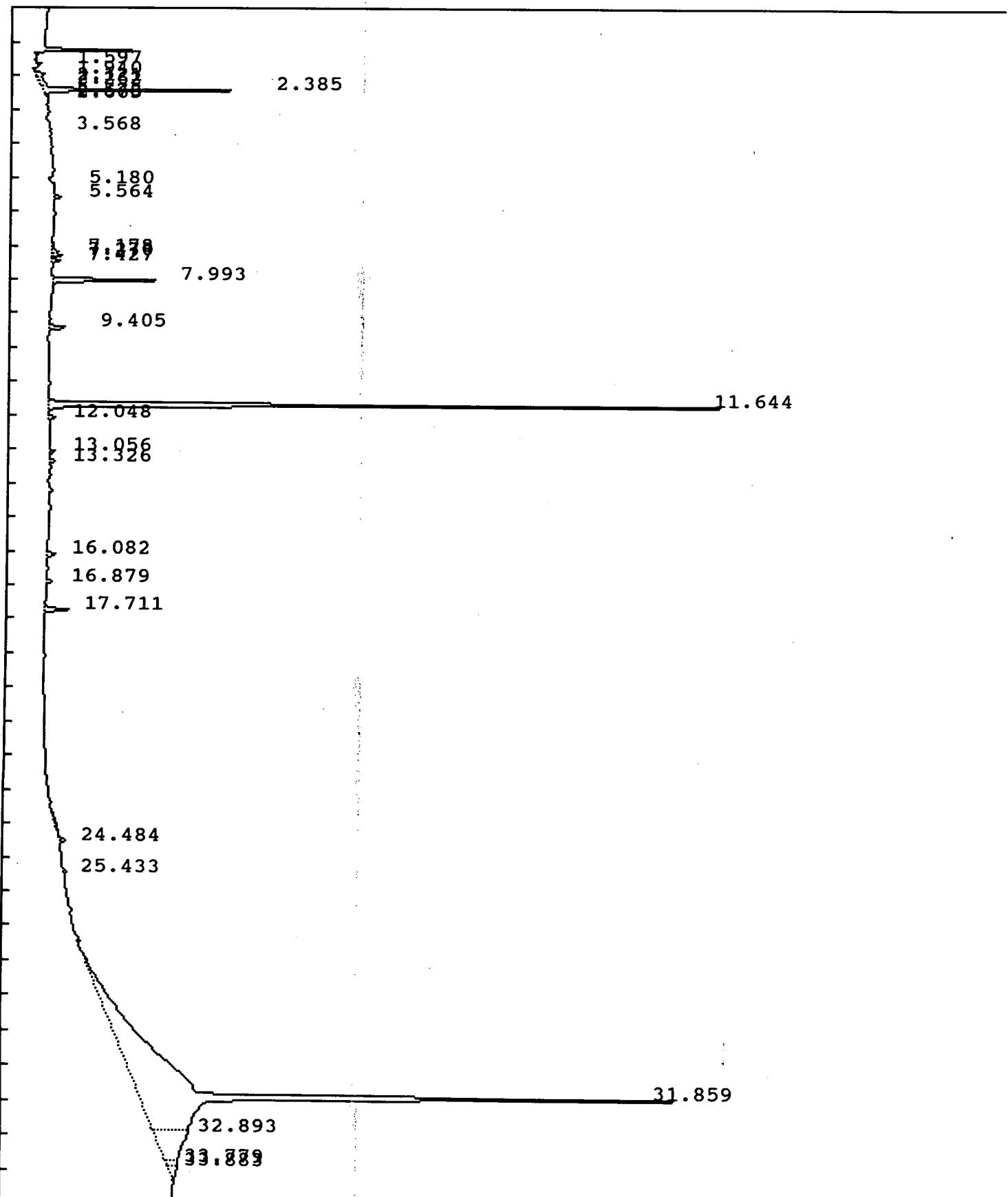
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/L	
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>1.0</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>2.0</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>1.0</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>1.0</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>1.0</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1.0</u>	<u>U</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>1.0</u>	<u>U</u>

0430

IEA Pesticide Standard Report

Sample Name : PIBLK Inj on 0505 06May1998
Result File : /DATA/LOOP/RESULT/B4509138.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : PIBLK Report No : 54.00
 Result File : /DATA/LOOP/RESULT/B4509138.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0505 06May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 39 Bottle no. : 39

% Dil-Fact
100.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
1	1.60		.035798		4589	BB	0.0000	
2	1.94		.122680		18347	PV	0.0000	
3	2.12		.115387		10057	VV	0.0000	
4	2.26		.108198		13198	VV	0.0000	
5	2.38		.052831		189567	VV	0.0000	
6	2.58		.059955		2534	VV	0.0000	
7	2.66		.084180		2013	VB	0.0000	
8	3.57		.053351		1355	VV	0.0000	
9	5.18		.042940		1771	BB	0.0000	
10	5.56		.074053		10020	BB	0.0000	
11	7.18		.139529		16821	PV	0.0000	
12	7.27		.066087		10943	VV	0.0000	
13	7.43		.070021		8882	VB	0.0000	
14	7.99		.079478		129525	BV	0.0000	
15	9.40		.081647		22629	BB	0.0000	
16	11.64	11.64	.073385		778825	BV	.1474	Tetrachloro-m-xylene
17	12.05		.093140		10368	PV	0.0000	
18	13.06		.070830		7320	BB	0.0000	
19	13.33		.083264		7654	BV	0.0000	
20	16.08		.104512		14702	BB	0.0000	
21	16.88	16.87	.086947		6878	BB	.0011	delta-BHC
22	17.71		.094467		35271	BB	0.0000	
23	24.48		.238067		22082	BB	0.0000	
24	25.43		.096099		5680	PV	0.0000	
25	31.86	#31.88	.347701		2747241	PV	.7178	Decachlorobiphenyl
26	32.89		.602466		297183	VV	0.0000	
27	33.78		.145926		26366	VV	0.0000	
28	33.88		.251021		39388	VB	0.0000	

Total Area : 4441211 Total PPB : .866

Report Time : 0542 06May1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509138.RES

0432

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>IEA-CT</u>	Contract: _____	Client ID: <u>PIBLK</u>
Lab Code: <u>IEACT</u>	Case No.: <u>0920A</u>	SDG No.: <u>A0920</u>
Matrix: (soil/water): _____	Lab Sample ID: <u>PIBLK</u> _____	
Sample wt/vol: _____ (g/ml) _____	Lab File ID: <u>B4509176</u> _____	
% Moisture: _____ decanted: (Y/N) _____	Date Received : _____	
Extraction: (SepF/Cont/Sonc) _____	Date Extracted: _____	
Concentrated Extract Volume: _____ (uL)	Date Analyzed : <u>05/07/98</u>	
Injection Volume: <u>1.0</u> (uL)	Dilution Factor: <u>1.0</u>	
GPC Cleanup: (Y/N) _____ pH: _____	Sulfur Cleanup: (Y/N) _____	

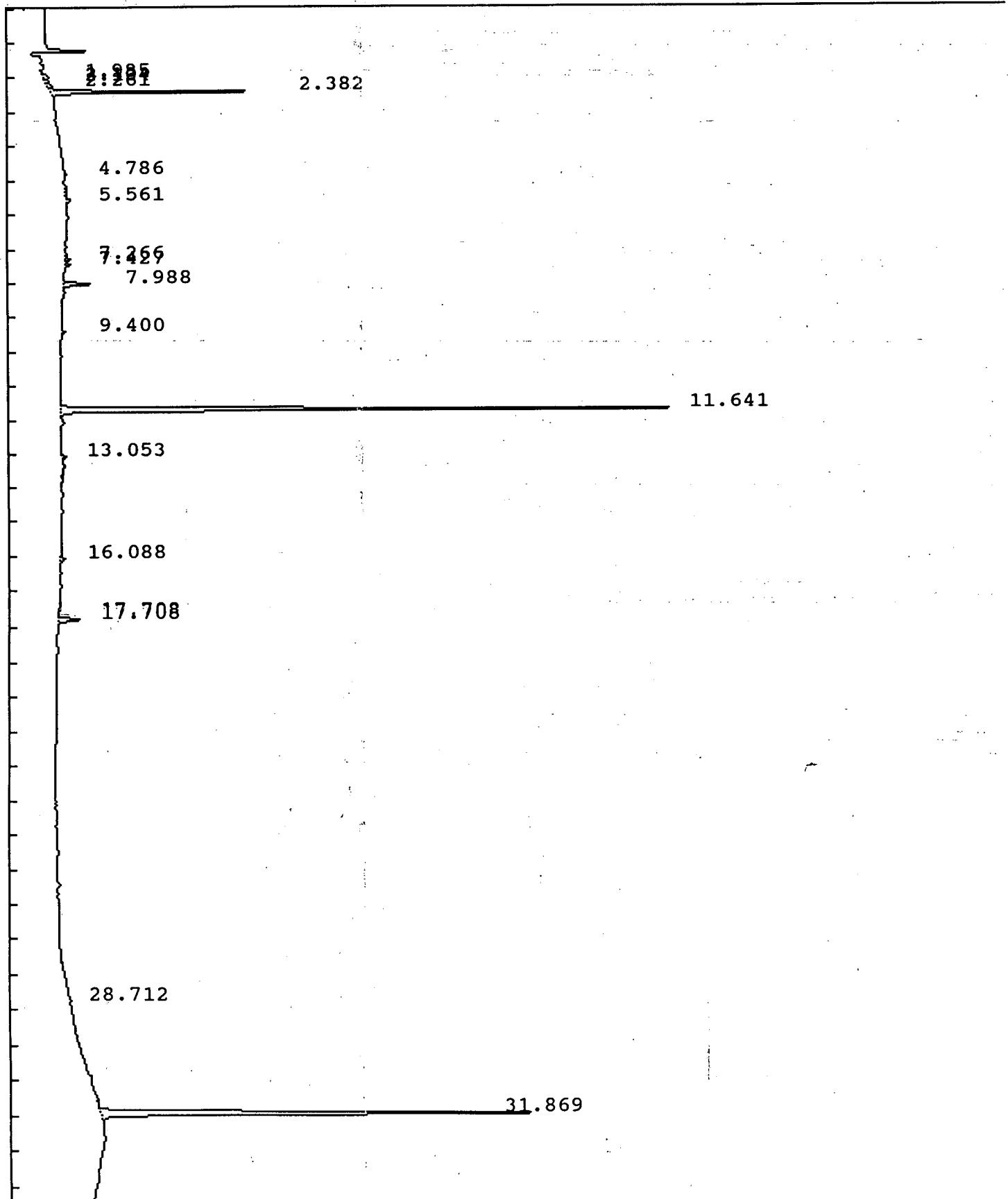
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/L	
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<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>1.0</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>2.0</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>1.0</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>1.0</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>1.0</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1.0</u>	<u>U</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>1.0</u>	<u>U</u>

0433

IEA Pesticide Standard Report

Sample Name : PIBLK Inj on 1534 07May1998
Result File : /DATA/LOOP/RESULT/B4509176.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



0434

IEA Pesticide Standard Report

Sample Name : PIBLK Report No : 93.00
 Result File : /DATA/LOOP/RESULT/B4509176.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1534 07May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 77 Bottle no. : 77

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.99		.174128	14782	PV	0.0000	
2	2.10		.110554	7072	VV	0.0000	
3	2.26		.086518	10803	VV	0.0000	
4	2.38		.051440	197393	VB	0.0000	
5	4.79		.110133	4042	BB	0.0000	
6	5.56		.151590	13625	BB	0.0000	
7	7.27		.107150	10460	BV	0.0000	
8	7.43		.075051	7586	PB	0.0000	
9	7.99		.080963	34413	BV	0.0000	
10	9.40		.077308	6203	BB	0.0000	
11	11.64	11.64	.073160	720908	BV	.1364	Tetrachloro-m-xylene
12	13.05		.072807	7131	BB	0.0000	
13	16.09		.091615	6337	BB	0.0000	
14	17.71		.093326	30282	BB	0.0000	
15	28.71		.330255	6211	BV	0.0000	
16	31.87	#31.88	.098754	654171	PB	.1709	Decachlorobiphenyl

Total Area : 1731422 Total PPB : .307

Report Time : 1618 07May1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509176.RES

0435

^{1D}
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: PIBLK

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Matrix: (soil/water) : _____ Lab Sample ID: PIBLK _____

Sample wt/vol: _____ (g/ml) _____ Lab File ID: B4509194

% Moisture: _____ decanted: (Y/N) _____ Date Received : _____

Extraction: (SepF/Cont/Sonc) _____ Date Extracted: _____

Concentrated Extract Volume: _____ (uL) Date Analyzed : 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

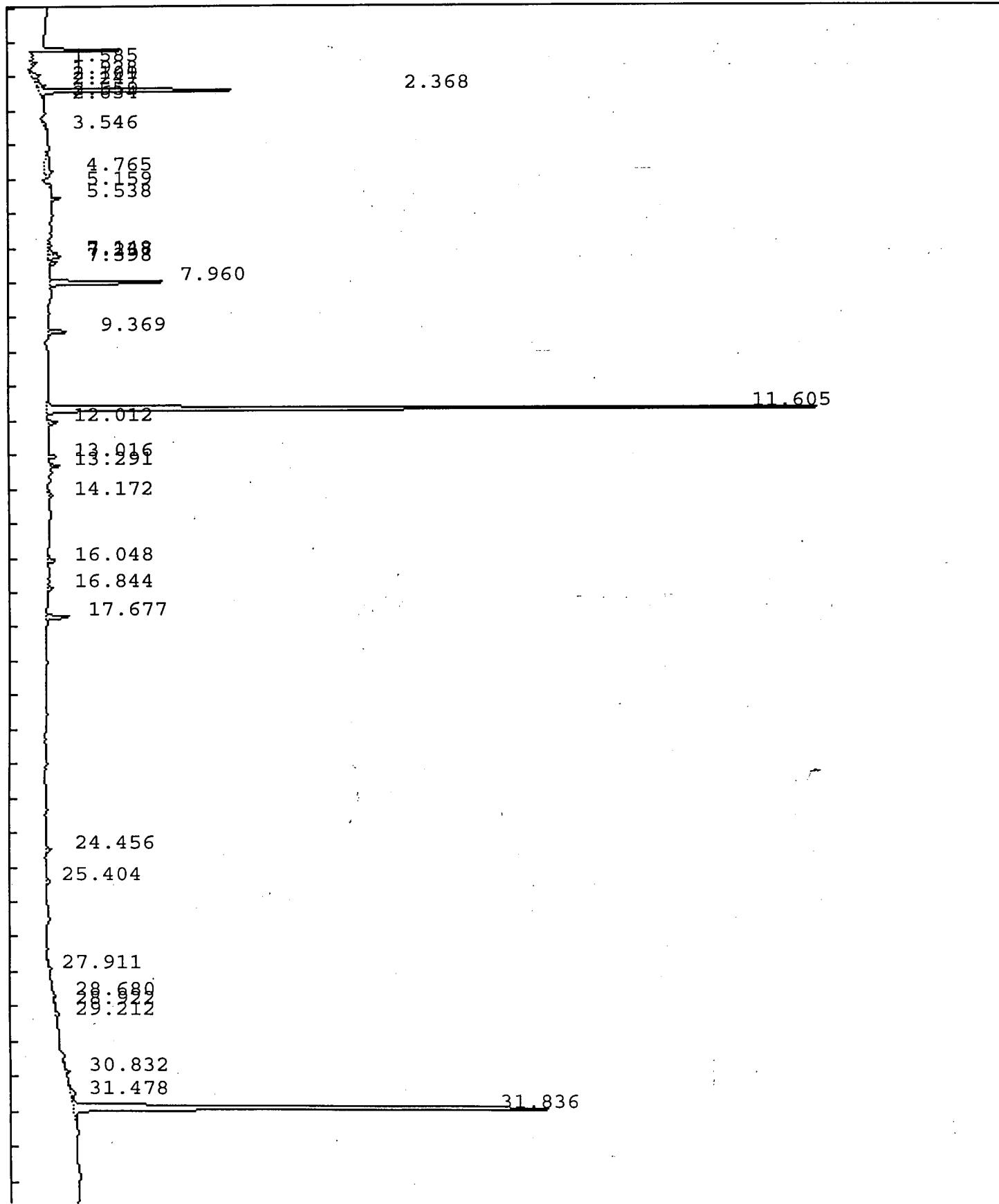
GPC Cleanup: (Y/N) _____ pH: _____ Sulfur Cleanup: (Y/N) _____

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		(ug/L or ug/Kg)	UG/L

<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>1.0</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>2.0</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>1.0</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>1.0</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>1.0</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>1.0</u>	<u>U</u>
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>1.0</u>	<u>U</u>

IEA Pesticide Standard Report

Sample Name : PIBLK Inj on 0640 08May1998
Result File : /DATA/LOOP/RESULT/B4509194.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



0437

IEA Pesticide Standard Report
 Sample Name : PIBLK Report No : 111.01
 Result File : /DATA/LOOP/RESULT/B4509194.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0640 08May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 95 Bottle no. : 95

% Dil-Fact
100.00

Run Status : RunStatusOK

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.58		.041480	8253	BB	0.0000	
2	1.93		.126509	18885	PV	0.0000	
3	2.10		.116220	10379	VV	0.0000	
4	2.25		.082902	14054	VV	0.0000	
5	2.37		.051636	254981	VV	0.0000	
6	2.56		.057631	2822	VV	0.0000	
7	2.63		.073130	1828	VB	0.0000	
8	3.55		.220036	7378	PV	0.0000	
9	4.77		.311171	42144	VV	0.0000	
10	5.16		.097004	6755	PB	0.0000	
11	5.54		.072600	11051	BB	0.0000	
12	7.15		.137846	21151	PV	0.0000	
13	7.24		.066092	13643	VV	0.0000	
14	7.40		.073546	10540	PB	0.0000	
15	7.96		.078150	149301	BV	0.0000	
16	9.37		.080466	24530	BB	0.0000	
17	11.61	11.64	.073379	918582	BV	0.0000	
18	12.01		.097840	14704	PV	.1738	Tetrachloro-m-xylene
19	13.02		.069349	8658	BB	0.0000	
20	13.29		.079678	11447	BV	0.0000	
21	14.17		.133448	10401	BB	0.0000	
22	16.05		.093291	12026	BB	0.0000	
23	16.84	16.87	.078838	6138	BB	.0010	delta-BHC
24	17.68		.092572	31679	BB	0.0000	
25	24.46	24.36	.107296	10935	BB	.0028	
26	25.40		.119387	8409	BB	0.0000	
27	27.91		.076438	2467	BV	0.0000	
28	28.68		.210741	9596	VV	0.0000	
29	28.92		.141878	2786	VV	0.0000	
30	29.21		.162912	7216	VV	0.0000	
31	30.83		.099453	5304	PV	0.0000	
32	31.48		.252825	16628	VV	0.0000	
33	31.84	#31.88	.096880	821091	VB	.2145	Decachlorobiphenyl

Total Area : 2495762 Total PPB : .392
 Report Time : 1609 11May1998
 Method : /DATA/LOOP/METHOD/B4509A.MTH
 Result File : /DATA/LOOP/RESULT/B4509194.RES

0439

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDY-001MSLab Code: IEACT Case No.: 0920A SDG No.: A0920Matrix: (soil/water) :SOILLab Sample ID: 980920A-01MSSample wt/vol: 30 (g/ml) GLab File ID: A4524131% Moisture: 19 decanted: (Y/N) Date Received : 04/23/98Extraction: (SepF/Cont/Sonc) SONCDate Extracted: 04/27/98Concentrated Extract Volume:10000 (uL)Date Analyzed : 05/05/98Injection Volume: 1.0 (uL)Dilution Factor: 5.0GPC Cleanup: (Y/N) N pH:7.1Sulfur Cleanup: (Y/N) Y

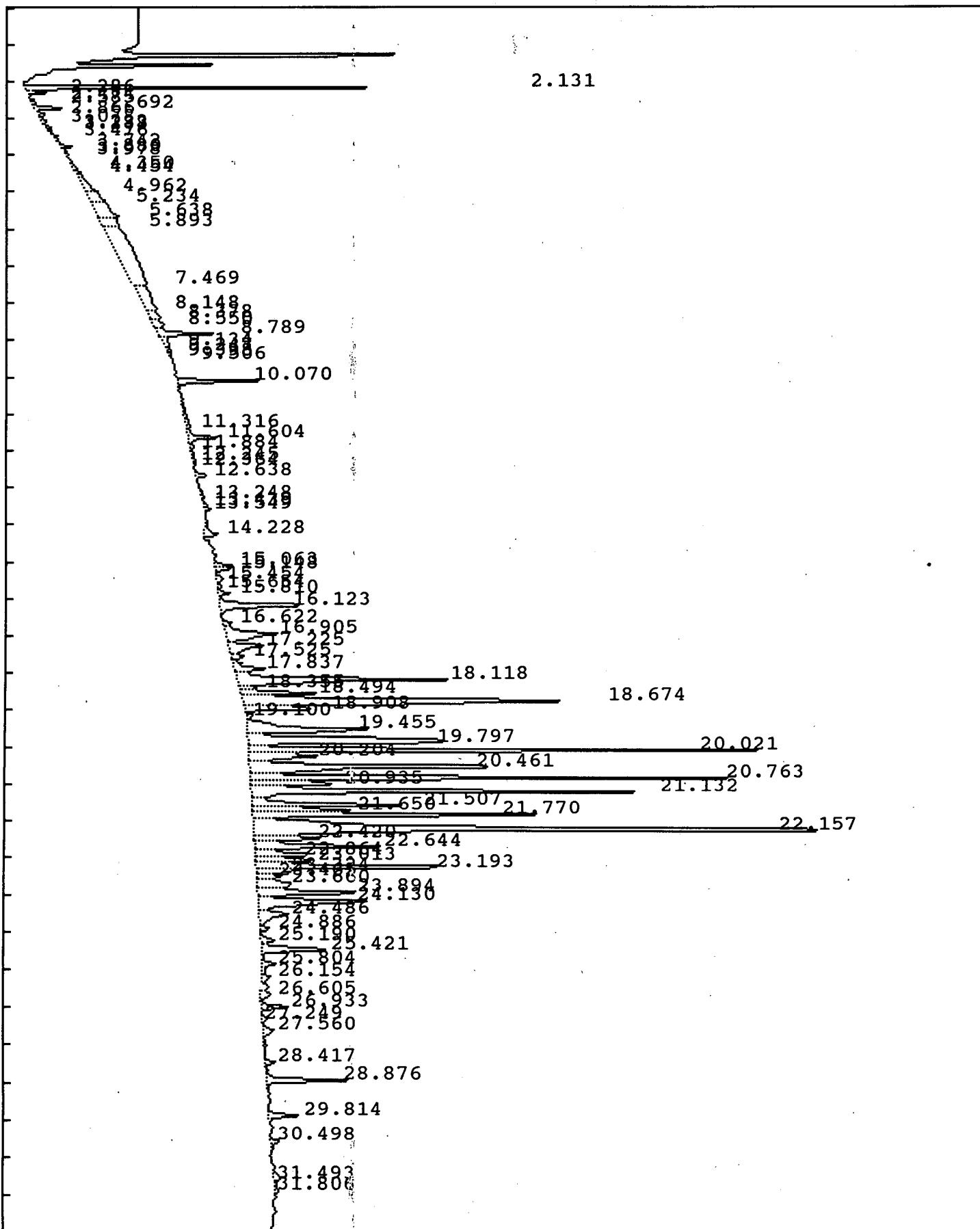
CAS NO.	COMPOUND	CONCENTRATION UNITS:	<u>Q</u>
		(ug/L or ug/Kg)	<u>UG/KG</u>

12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	770	
11096-82-5	Aroclor-1260	200	U

0439

IEA Pesticide Standard Report

Sample Name : 980920A-01MS CDY-001MS DF=5 A/S Inj on 1324 05May1998
Result File : /HP58904A/RESULT/A4524131.RES INSTRUMENT: HP58904A
Column Type : DB-1701 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-01MS CDY-001MS DF=5 A/S Report No : 25.10
 Result File : /HP58904A/RESULT/A4524131.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1324 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2 / 32 Bottle no. : 32

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.042649	242708	BV	0.0000	
2	2.29		.042515	12282	VV	0.0000	
3	2.47		.043168	2252	PV	0.0000	
4	2.58		.097753	4937	VV	0.0000	
5	2.69		.045642	26102	VV	0.0000	
6	2.87		.097039	9897	VV	0.0000	
7	3.08		.127700	6696	VV	0.0000	
8	3.23		.078450	6113	PV	0.0000	
9	3.29		.040306	1775	VV	0.0000	
10	3.48		.108976	8592	VV	0.0000	
11	3.74		.099208	15799	VV	0.0000	
12	3.88		.067086	3162	VV	0.0000	
13	3.98		.045847	1722	VB	0.0000	
14	4.35		.087825	4660	VV	0.0000	
15	4.45		.072590	4735	VV	0.0000	
16	4.96		.289368	40837	VV	0.0000	
17	5.23		.222781	38447	VV	0.0000	
18	5.64		.334010	78241	VV	0.0000	
19	5.89		.247126	43260	VV	0.0000	
20	7.47		1.844532	286193	VV	0.0000	
21	8.15		.668112	83656	VV	0.0000	
22	8.38		.216335	24655	VV	0.0000	
23	8.55		.150577	19924	VV	0.0000	
24	8.79		.092470	61420	VV	0.0000	
25	9.13		.323619	19112	VV	0.0000	
26	9.25		.100643	4672	VV	0.0000	
27	9.40		.156704	4965	VV	0.0000	
28	9.51		.080853	1504	VV	0.0000	
29	10.07	10.06	.074847	76179	BB	.7063	Tetrachloro-m-xylene
30	11.32		.435566	21207	VV	0.0000	
31	11.60		.104019	40373	VV	0.0000	
32	11.88		.157070	6065	VV	0.0000	
33	12.25		.198678	8400	VV	0.0000	
34	12.36		.074946	1786	VV	0.0000	
35	12.64		.085365	13143	PV	0.0000	
36	13.25		.245749	7351	PV	0.0000	
37	13.44		.087382	3741	VV	0.0000	
38	13.55		.097423	6621	VB	0.0000	
39	14.23		.153306	23678	BV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	15.06		.079321	15362	PV	0.0000	
41	15.15		.082485	13589	VV	0.0000	
42	15.45		.173699	11981	PV	0.0000	
43	15.65		.093985	4908	VV	0.0000	
44	15.81		.081721	10791	VV	0.0000	
45	16.12		.118761	119299	VB	0.0000	
46	16.62		.100407	10704	BV	0.0000	
47	16.91		.175609	103537	VV	0.0000	
48	17.22		.167436	64570	VV	0.0000	
49	17.53	17.48	.094717	13609	VV	.1579	I sedrin
50	17.84	17.83	.137826	48643	VV	.5075	delta-BHC
51	18.12		.115837	284649	VV	0.0000	
52	18.36	18.35	.071224	13815	VV	.1346	Heptachlor-epoxide
53	18.49		.089002	80824	VV	0.0000	
54	18.67		.130907	529910	VV	0.0000	
55	18.91		.086088	75379	VB	0.0000	
56	19.10		.123437	8857	BV	0.0000	
57	19.46	19.51	.151767	213065	VV	2.0163	alpha-Chlordane
58	19.80	19.80	.140583	365056	VV	3.8621	4,4'-DDE
59	20.02		.078996	485869	VV	0.0000	
60	20.20		.126540	96523	VV	0.0000	
61	20.46		.114675	367881	VV	0.0000	
62	20.76		.084897	474237	VV	0.0000	
63	20.93	20.91	.090514	94682	VV	1.2404	Endrin
64	21.13		.086468	417456	VV	0.0000	
65	21.51		.092087	171524	VV	0.0000	
66	21.65	21.68	.077259	89994	VV	2.3220	Chloorebenzilate
67	21.77		.081471	299118	VV	0.0000	
68	22.16	22.16	.117570	924354	VV	12.5530	4,4'-DDD
69	22.42		.124838	91105	VV	0.0000	
70	22.64	22.65	.098923	149042	VV	2.3355	4,4'-DDT
71	22.86		.108025	72957	VV	0.0000	
72	23.01		.112137	72699	VV	0.0000	
73	23.19		.090064	225145	VV	0.0000	
74	23.32		.085054	35036	VV	0.0000	
75	23.46		.094889	28196	VV	0.0000	
76	23.66	23.63	.202645	78776	VV	1.7234	Endrin-aldehyde
77	23.89		.109228	131324	VV	0.0000	
78	24.13		.151375	191698	VV	0.0000	
79	24.49		.196245	63829	VV	0.0000	
80	24.89		.084209	10329	VV	0.0000	
81	25.19		.113610	18042	PV	0.0000	
82	25.42		.123215	89022	VB	0.0000	
83	25.80		.152502	23142	VV	0.0000	
84	26.15	26.22	.174407	17006	VV	.2307	Endrin-ketone
85	26.60		.152299	17322	VV	0.0000	
86	26.93		.103150	32655	PV	0.0000	
87	27.25		.139077	7680	VV	0.0000	
88	27.56		.162489	21683	VV	0.0000	
89	28.42		.137410	17256	VV	0.0000	
90	28.88	#28.88	.095893	87315	VB	.8828	Decachlorobiphenyl
91	29.81		.104980	34338	BV	0.0000	
92	30.50		.141456	14644	VV	0.0000	
93	31.49		.164434	12341	VV	0.0000	
94	31.81		.187941	8271	VV	0.0000	

M/SW/11

0442

IEA Pesticide Standard Report

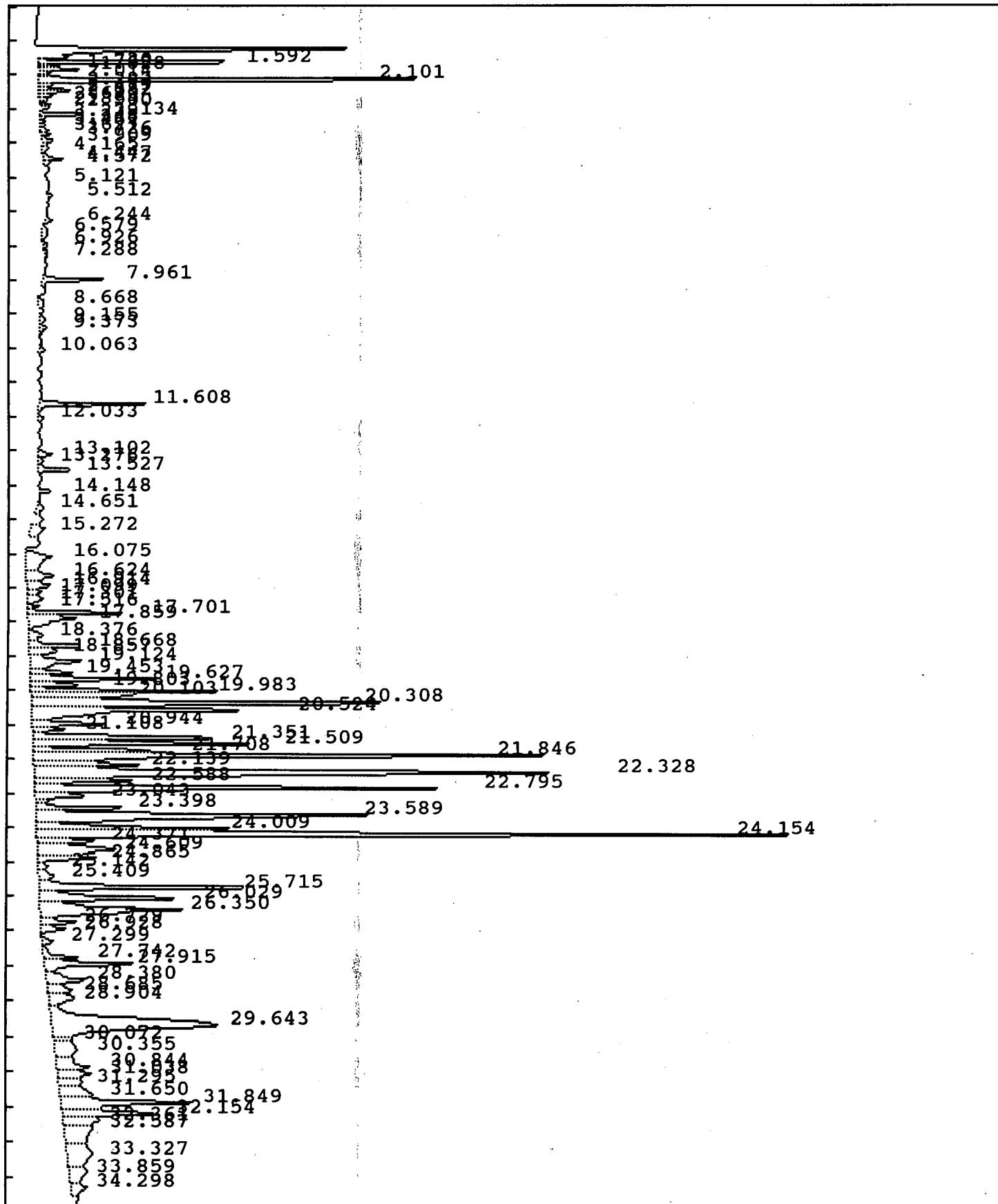
Sample Name : 980920A-01MS CDY-001MS DI nj on 1752 07May1998

Result File : /DATA/LOOP/RESULT/B4509179.RES

INSTRUMENT: HP58904B

Column Type : RTX-35 30-Meter, 0.53mm ID

Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-01MS CDY-001MS DF=5 A/S Report No : 96.00
 Result File : /DATA/LOOP/RESULT/B4509179.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : External STD
 Run Time : 36.00 Mins. Injected on 1752 07May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 80 Bottle no. : 80

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.59		.043737	259204	BV	0.0000	
2	1.72		.051221	17154	VV	0.0000	
3	1.77		.037633	12566	VV	0.0000	
4	1.83		.061211	43114	VV	0.0000	
5	2.01		.046467	16499	VV	0.0000	
6	2.10		.054438	531819	VV	0.0000	
7	2.28		.066732	14367	VV	0.0000	
8	2.42		.053296	37789	VV	0.0000	
9	2.48		.054461	18166	VV	0.0000	
10	2.58		.053445	15026	VV	0.0000	
11	2.69		.075050	10414	VV	0.0000	
12	2.85		.052103	9114	VV	0.0000	
13	2.90		.044113	6845	VV	0.0000	
14	3.13		.053408	57097	VV	0.0000	
15	3.23		.069681	6891	VV	0.0000	
16	3.35		.055833	6887	PV	0.0000	
17	3.47		.088918	7591	VV	0.0000	
18	3.63		.091801	11567	VV	0.0000	
19	3.73		.068419	11676	VV	0.0000	
20	3.91		.096522	21873	VV	0.0000	
21	4.16		.134808	13105	VV	0.0000	
22	4.45		.099849	30349	VV	0.0000	
23	4.57		.089297	11267	VV	0.0000	
24	5.12		.126946	3345	PV	0.0000	
25	5.51		.055534	4087	BV	0.0000	
26	6.24		.113734	11244	BV	0.0000	
27	6.58		.322615	24689	PV	0.0000	
28	6.93		.171626	12041	PV	0.0000	
29	7.29		.170430	8068	VV	0.0000	
30	7.96		.085461	88098	BV	0.0000	
31	8.67		.248594	18231	PV	0.0000	
32	9.16		.213409	17675	VV	0.0000	
33	9.37		.139516	14723	VB	0.0000	
34	10.06		.122980	10894	VV	0.0000	
35	11.61	11.64	.076220	132927	BV	.8383	Tetrachloro-m-xylene
36	12.03		.166514	13761	PV	0.0000	
37	13.10		.117931	25872	VV	0.0000	
38	13.28		.157313	10936	VV	0.0000	
39	13.53		.082793	52881	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	14.15	14.07	.084291	16955	PV	.0855	<u>alpha-BHC</u>
41	14.65		.208322	20941	BV	0.0000	
42	15.27		.249194	51997	VV	0.0000	
43	16.07		.358336	137509	PV	0.0000	
44	16.62		.203377	83424	VV	0.0000	
45	16.91	16.87	.149980	55253	VV	.3022	<u>delta-BHC</u>
46	17.10		.136070	28137	VV	0.0000	
47	17.30		.172109	38709	VV	0.0000	
48	17.52		.085677	14958	VV	0.0000	
49	17.70		.089712	140262	VV	0.0000	
50	17.86	17.85	.179597	131398	VV	.6944	<u>Aldrin</u>
51	18.38		.218772	47573	VV	0.0000	
52	18.67		.097415	88869	VV	0.0000	
53	18.86		.160382	65366	VV	0.0000	
54	19.12		.180867	146981	VV	0.0000	
55	19.45		.102836	68053	VV	0.0000	
56	19.63	19.61	.092901	182798	VV	.9873	<u>Heptachlor-epoxide</u>
57	19.80		.090579	76974	VV	0.0000	
58	19.98		.090323	252284	VV	0.0000	
59	20.10		.097546	159645	VV	0.0000	
60	20.31	20.22	.121329	693549	VV	3.5799	<u>gamma-Chlordane</u>
61	20.52		.134457	488291	VV	0.0000	
62	20.94		.103828	114589	VV	0.0000	
63	21.11		.104557	48953	VV	0.0000	
64	21.35	21.40	.127190	349113	VV	2.1304	<u>4,4'-DDE</u>
65	21.51		.087744	310307	VV	0.0000	
66	21.71	21.69	.077474	159782	VV	.9568	<u>Dieldrin</u>
67	21.85		.106114	880147	VV	0.0000	
68	22.14		.112220	171281	VV	0.0000	
69	22.33		.139064	1154243	VV	0.0000	
70	22.59		.098923	150642	VV	0.0000	
71	22.79	22.74	.102016	662685	VV	4.8553	<u>Endrin</u>
72	23.04	23.07	.109864	87951	VV	.6755	<u>4,4'-DDD</u>
73	23.40	23.31	.091813	143808	VV	1.0318	<u>Endosulfan-II</u>
74	23.59		.153234	760518	VV	0.0000	
75	24.01		.115011	345164	VV	0.0000	
76	24.15	24.15	.108085	1222012	VV	8.6147	<u>4,4'-DDT</u>
77	24.37	24.36	.115052	101206	VV	.8686	<u>Endrin aldehyde</u>
78	24.61		.238096	265815	VV	0.0000	
79	24.86		.116434	98112	VV	0.0000	
80	25.14		.149955	21644	VV	0.0000	
81	25.41		.198505	46943	VV	0.0000	
82	25.71		.112292	395217	VV	0.0000	
83	26.03		.133697	280921	VV	0.0000	
84	26.35		.192753	398506	VV	0.0000	
85	26.73		.118474	65089	VV	0.0000	
86	26.93		.120562	43712	VV	0.0000	
87	27.30		.129835	23617	PV	0.0000	
88	27.74		.123828	62191	VV	0.0000	
89	27.91		.123768	170422	VV	0.0000	
90	28.38		.193188	110881	VV	0.0000	
91	28.69		.194347	70086	VV	0.0000	
92	28.90		.247122	90546	VV	0.0000	
93	29.64		.361593	830549	VV	0.0000	
94	30.07		.119777	31094	VV	0.0000	

M 5/12/88

IEA Pesticide Standard Report

0445

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	30.36		.381428	120184	VV	0.0000	
96	30.84		.236926	116717	VV	0.0000	
97	31.04		.205383	97807	VV	0.0000	
98	31.29		.166758	54032	VV	0.0000	
99	31.65		.274526	124847	VV	0.0000	
100	31.85	#31.88	.160232	309467	VV	2.6949	Decachlorobiphenyl
101	32.15		.147214	198693	VV	0.0000	
102	32.36		.213648	112528	VV	0.0000	
103	32.59		.427955	174428	VV	0.0000	
104	33.33		.527459	192975	VV	0.0000	
105	33.86		.358844	93771	VV	0.0000	
106	34.30		.247607	56739	VV	0.0000	
107	35.41		.136176	47668	VV	0.0000	

Total Area : 15977384 Total PPB : 28.316

Report Time : 1837 07May1998
Method : /DATA/LOOP/METHOD/B4509.MTH
Result File : /DATA/LOOP/RESULT/B4509179.RES

0446

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: CDY-001MSD

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Matrix: (soil/water) :SOIL

Lab Sample ID: 980920A-01MSD

Sample wt/vol: 30 (g/ml) G

Lab File ID: A4524132

% Moisture: 19 decanted: (Y/N)

Date Received : 04/23/98

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 04/27/98

Concentrated Extract Volume: 10000 (uL)

Date Analyzed : 05/05/98

Injection Volume: 1.0 (uL)

Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:7.1

Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS:	<u>Q</u>
		(ug/L or ug/Kg)	<u>UG/KG</u>

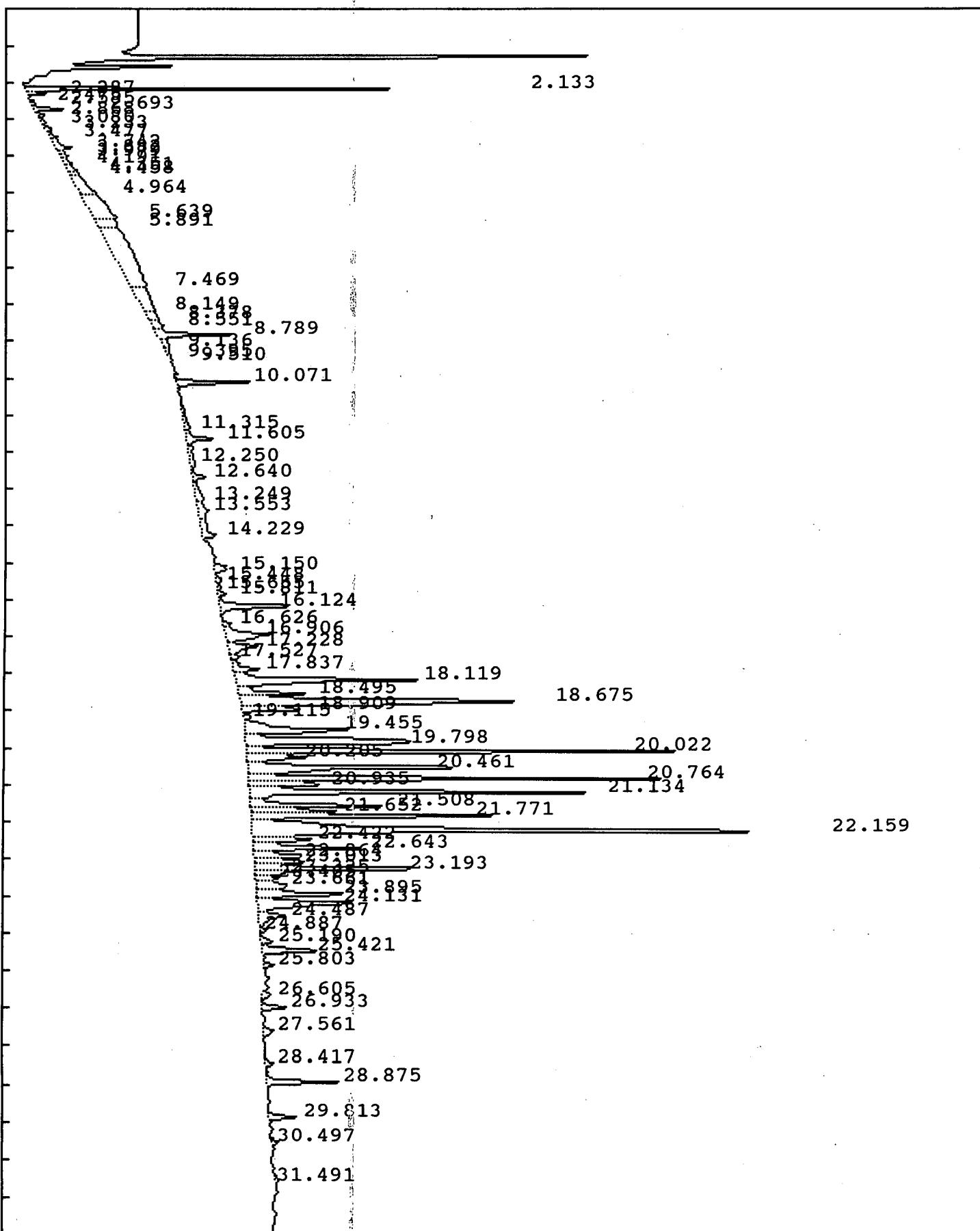
<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>200</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>410</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>200</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>200</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>200</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>660</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>200</u>	<u>U</u>

0447

IEA Pesticide Standard Report

Sample Name : 980920A-01MSD CDY-001MSD DF=5 A/S
Result File : /HP58904A/RESULT/A4524132.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 1410 05May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-01MSD CDY-001MSD DF=5 A/S Report No : 26.10
 Result File : /HP58904A/RESULT/A4524132.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 1410 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 2/ 33 Bottle no. : 33

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	2.13		.042089	250398	VV	0.0000	
2	2.29		.041829	13015	VV	0.0000	
3	2.47		.042555	2299	PV	0.0000	
4	2.58		.095861	4939	VV	0.0000	
5	2.69		.044646	25834	VV	0.0000	
6	2.87		.098215	9767	VV	0.0000	
7	3.08		.140122	6747	VV	0.0000	
8	3.23		.110115	9269	VV	0.0000	
9	3.48		.120844	12680	VV	0.0000	
10	3.74		.139228	29329	VV	0.0000	
11	3.88		.078942	7193	VV	0.0000	
12	3.98		.075696	7686	VV	0.0000	
13	4.19		.167987	15106	VV	0.0000	
14	4.35		.132481	14476	VV	0.0000	
15	4.46		.085258	9367	VV	0.0000	
16	4.96		.357847	68682	VV	0.0000	
17	5.64		.546291	147499	VV	0.0000	
18	5.89		.244951	52383	VV	0.0000	
19	7.47		1.889728	332213	VV	0.0000	
20	8.15		.700040	93739	VV	0.0000	
21	8.38		.212293	25267	VV	0.0000	
22	8.55		.175460	23388	VV	0.0000	
23	8.79		.089035	78196	VV	0.0000	
24	9.14		.295831	18369	VV	0.0000	
25	9.39		.296398	9835	VV	0.0000	
26	9.51		.075634	1137	VV	0.0000	
27	10.07	10.06	.077728	71754	BB	.6653	Tetrachloro-m-xylene
28	11.32		.437514	25762	VV	0.0000	
29	11.60		.120871	40228	VV	0.0000	
30	12.25		.521407	27618	VV	0.0000	
31	12.64		.123925	20082	VV	0.0000	
32	13.25		.370096	29295	VV	0.0000	
33	13.55		.317163	36467	VV	0.0000	
34	14.23		.250092	40540	VV	0.0000	
35	15.15		.165466	23496	VV	0.0000	
36	15.45		.158204	9268	PV	0.0000	
37	15.65		.097641	4538	VV	0.0000	
38	15.81		.083680	8769	VV	0.0000	
39	16.12		.117753	102474	VB	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
40	16.63		.107087		9859	BV	0.0000	
41	16.91		.187199		93377	VV	0.0000	
42	17.23		.168541		55616	VV	0.0000	
43	17.53	17.48	.097004		11722	VV	.1360	
44	17.84	17.83	.141528		41583	VV	.4339	
45	18.12		.116092		244242	VV	0.0000	
46	18.49		.103533		82079	VV	0.0000	
47	18.67		.132672		457638	VV	0.0000	
48	18.91		.085875		64202	BV	0.0000	
49	19.12	19.19	.138906		9422	BV	.1052	
50	19.46	19.51	.149907		179576	VV	1.6993	
51	19.80	19.80	.141486		310172	VV	3.2815	
52	20.02		.079500		415399	VV	0.0000	
53	20.20		.127889		844446	VV	0.0000	
54	20.46		.115917		316717	VV	0.0000	
55	20.76		.085118		409998	VV	0.0000	
56	20.94	20.91	.092003		82851	VV	1.0854	
57	21.13		.088150		365630	VV	0.0000	
58	21.51		.092446		150178	VV	0.0000	
59	21.65	21.68	.079499		78631	VV	2.0288	
60	21.77		.082349		258337	VV	0.0000	
61	22.16	22.16	.119201		803219	VV	10.9080	
62	22.42		.128308		82826	VV	0.0000	
63	22.64	22.65	.102490		129971	VV	2.0367	
64	22.86		.110012		67150	VV	0.0000	
65	23.01		.113808		65915	VV	0.0000	
66	23.19		.091404		196135	VV	0.0000	
67	23.33		.087495		32312	VV	0.0000	
68	23.46		.095365		25640	VV	0.0000	
69	23.66	23.63	.201112		70898	VV	1.5511	
70	23.90		.112249		117859	VV	0.0000	
71	24.13		.154491		172598	VV	0.0000	
72	24.49		.187493		54707	VV	0.0000	
73	24.89		.089759		9250	BV	0.0000	
74	25.19		.119168		16753	BV	0.0000	
75	25.42		.123163		76844	VV	0.0000	
76	25.80		.109382		13224	BV	0.0000	
77	26.61		.142413		11463	VV	0.0000	
78	26.93		.101278		28028	PV	0.0000	
79	27.56		.140829		14893	BB	0.0000	
80	28.42		.123831		13504	BV	0.0000	
81	28.88	#28.88	.094471		75774	PB	.7661	
82	29.81		.102243		32361	BV	0.0000	
83	30.50		.090949		6818	BV	0.0000	
84	31.49		.153793		7957	PV	0.0000	

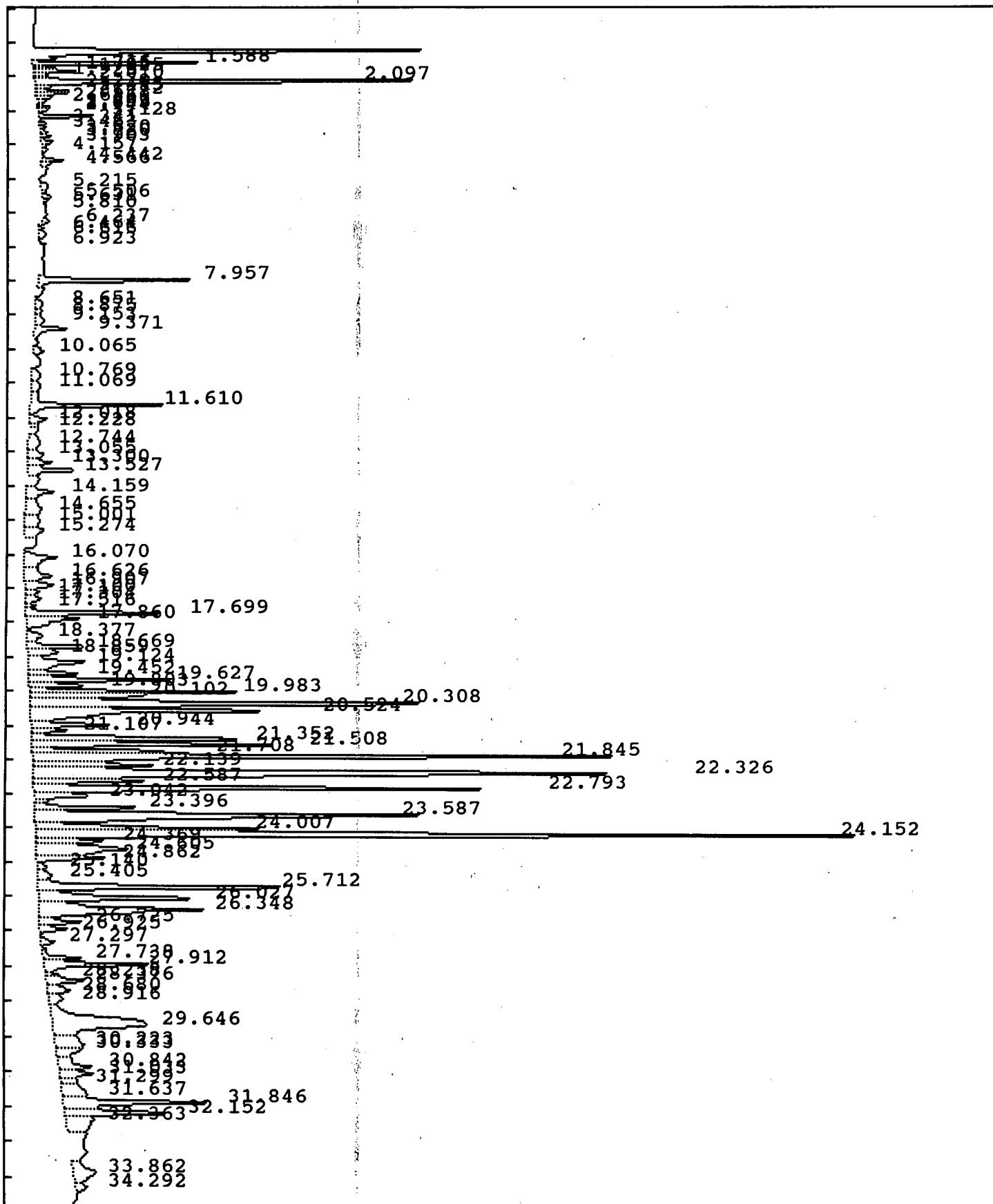
Total Area : 7556878 Total PPB : 24.697

Report Time : 1228 11May1998
 Method : /DATA/LOOP/METHOD/A4524_132.MT
 Result File : /HP58904A/RESULT/A4524132.RES

0450

IEA Pesticide Standard Report

Sample Name : 980920A-01MSD CDY-001MSDInj on 1838 07May1998
Result File : /DATA/LOOP/RESULT/B4509180.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 980920A-01MSD CDY-001MSD DF=5 A/S Report No : 97.00
 Result File : /DATA/LOOP/RESULT/B4509180.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 1838 07May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2/ 81 Bottle no. : 81

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.59		.043320	200514	BV	0.0000	
2	1.72		.052208	17712	VV	0.0000	
3	1.77		.037668	13093	VV	0.0000	
4	1.82		.064829	47242	VV	0.0000	
5	1.92		.051914	11156	VV	0.0000	
6	2.01		.049496	20158	VV	0.0000	
7	2.10		.056992	497682	VV	0.0000	
8	2.28		.067309	17570	VV	0.0000	
9	2.41		.055600	46034	VV	0.0000	
10	2.47		.054384	20688	VV	0.0000	
11	2.58		.054001	17782	VV	0.0000	
12	2.69		.077167	13308	VV	0.0000	
13	2.85		.052895	10676	VV	0.0000	
14	2.90		.044001	7684	VV	0.0000	
15	2.94		.063325	10726	VV	0.0000	
16	3.13		.051481	64158	VV	0.0000	
17	3.34		.056119	8729	VV	0.0000	
18	3.46		.087132	7510	VV	0.0000	
19	3.62		.083883	11246	VV	0.0000	
20	3.72		.062668	11791	VV	0.0000	
21	3.90		.084401	20992	VV	0.0000	
22	4.16		.106309	8766	VB	0.0000	
23	4.44		.080428	29534	BV	0.0000	
24	4.57		.087065	12835	VV	0.0000	
25	5.22		.260338	28261	PV	0.0000	
26	5.51		.097248	13657	VV	0.0000	
27	5.63		.112331	6234	VV	0.0000	
28	5.81		.067060	2498	VV	0.0000	
29	6.24		.109070	10440	BV	0.0000	
30	6.46		.089052	6882	PV	0.0000	
31	6.62		.189408	19177	VV	0.0000	
32	6.92		.102093	6780	PB	0.0000	
33	7.96		.084841	211497	VV	0.0000	
34	8.65		.245165	22970	PV	0.0000	
35	8.88		.143377	13380	VV	0.0000	
36	9.15		.214720	30861	VV	0.0000	
37	9.37		.128758	68509	VV	0.0000	
38	10.06		.161986	24864	VV	0.0000	
39	10.77		.270243	30630	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	11.07		.254630	31792	VV	0.0000	
41	11.61	11.64	.100699	224002	VV	1.4127	Tetrachloro-m-xylene
42	12.02		.161079	40327	VV	0.0000	
43	12.23		.103037	13613	VV	0.0000	
44	12.74		.383660	59173	VV	0.0000	
45	13.06		.214725	50645	VV	0.0000	
46	13.30		.138125	49954	VV	0.0000	
47	13.53		.118680	102090	VV	0.0000	
48	14.16	14.07	.179081	74625	VV	.3764	
49	14.66		.338717	89087	VV	0.0000	
50	15.00		.303609	66477	VV	0.0000	
51	15.27		.265468	73300	VV	0.0000	
52	16.07		.258592	124317	PV	0.0000	
53	16.63		.250570	98832	VV	0.0000	
54	16.91	16.87	.160473	69352	VV	.3793	
55	17.10		.129179	25916	VV	0.0000	
56	17.30		.171515	40123	VV	0.0000	
57	17.52		.086258	14362	VV	0.0000	
58	17.70		.092233	203441	VV	0.0000	
59	17.86	17.85	.174639	142750	VV	.7544	Aldrin
60	18.38		.216519	51212	VV	0.0000	
61	18.67		.097482	98190	VV	0.0000	
62	18.86		.155776	70845	VV	0.0000	
63	19.12		.183117	165084	VV	0.0000	
64	19.45		.104642	79973	VV	0.0000	
65	19.63	19.61	.093038	206120	VV	1.1133	Heptachlor epoxide
66	19.80		.092172	87891	VV	0.0000	
67	19.98		.090480	280858	VV	0.0000	
68	20.10		.095394	175699	VV	0.0000	
69	20.31	20.22	.120878	770956	VV	3.9795	gamma-Chlordane
70	20.52		.135920	543876	VV	0.0000	
71	20.94		.104295	126849	VV	0.0000	
72	21.11		.104230	55114	VV	0.0000	
73	21.35	21.40	.125722	395834	VV	2.4155	4,4'-DDE
74	21.51		.088518	346612	VV	0.0000	
75	21.71	21.69	.077918	182841	VV	1.0949	Dieldrin
76	21.84		.105628	983670	VV	0.0000	
77	22.14		.117248	203351	VV	0.0000	
78	22.33		.139613	1305867	VV	0.0000	
79	22.59		.100252	174613	VV	0.0000	
80	22.79	22.74	.102516	752341	VV	5.5122	Endrin
81	23.04	23.07	.111105	99597	VV	.7649	4,4'-DDD
82	23.40	23.31	.093410	165557	VV	1.1879	Endosulfan II
83	23.59		.153620	869506	VV	0.0000	
84	24.01		.115808	395992	VV	0.0000	
85	24.15	24.15	.108106	1404058	VV	9.8981	4,4'-DDT
86	24.37	24.36	.115275	119356	VV	1.0243	Endrin aldehyde
87	24.61		.241967	311409	VV	0.0000	
88	24.86		.115657	113167	VV	0.0000	
89	25.14		.139529	20617	VV	0.0000	
90	25.41		.208394	45133	VV	0.0000	
91	25.71		.111954	449569	VV	0.0000	
92	26.03		.134959	326917	VV	0.0000	
93	26.35		.192826	465068	VV	0.0000	
94	26.73		.115756	71710	VV	0.0000	

M5/12/98

0453

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	26.93		.117518	48026	VV	0.0000	
96	27.30		.127423	26530	PV	0.0000	
97	27.74		.116353	65823	PV	0.0000	
98	27.91		.119756	192540	VV	0.0000	
99	28.24		.093946	21591	VV	0.0000	
100	28.38		.136626	77868	VV	0.0000	
101	28.68		.193349	62779	VV	0.0000	
102	28.92		.229354	46920	VV	0.0000	
103	29.65		.403859	531420	VV	0.0000	
104	30.22		.282504	113008	VV	0.0000	
105	30.33		.197110	74653	VV	0.0000	
106	30.84		.206156	101306	VV	0.0000	
107	31.03		.168415	81454	VV	0.0000	
108	31.30		.160916	38294	VV	0.0000	
109	31.64		.293818	103217	VV	0.0000	
110	31.85 #31.88		.141302	307383	VV	2.6767	Decachlorobiphenyl
111	32.15		.133858	205292	VV	0.0000	
112	32.36		.354596	148866	VV	0.0000	
113	33.86		.386476	124023	VV	0.0000	
114	34.29		.177055	29909	VV	0.0000	
115	35.41		.133903	50935	VV	0.0000	

Total Area : 17585696 Total PPB : 32.590

Report Time : 1918 07May1998
 Method : /DATA/LOOP/METHOD/B4509.MTH
 Result File : /DATA/LOOP/RESULT/B4509180.RES

0454

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: IEA-CT Contract: _____ Client ID: PBLK41QC

Lab Code: IEACT Case No.: 0920A SDG No.: A0920

Matrix: (soil/water) : SOIL Lab Sample ID: 042798-B02QC

Sample wt/vol: 30 (g/ml) G Lab File ID: A4524073

% Moisture: 0 decanted: (Y/N) _____ Date Received : _____

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 04/27/98

Concentrated Extract Volume: 10000 (uL) Date Analyzed : 05/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) UG/KG
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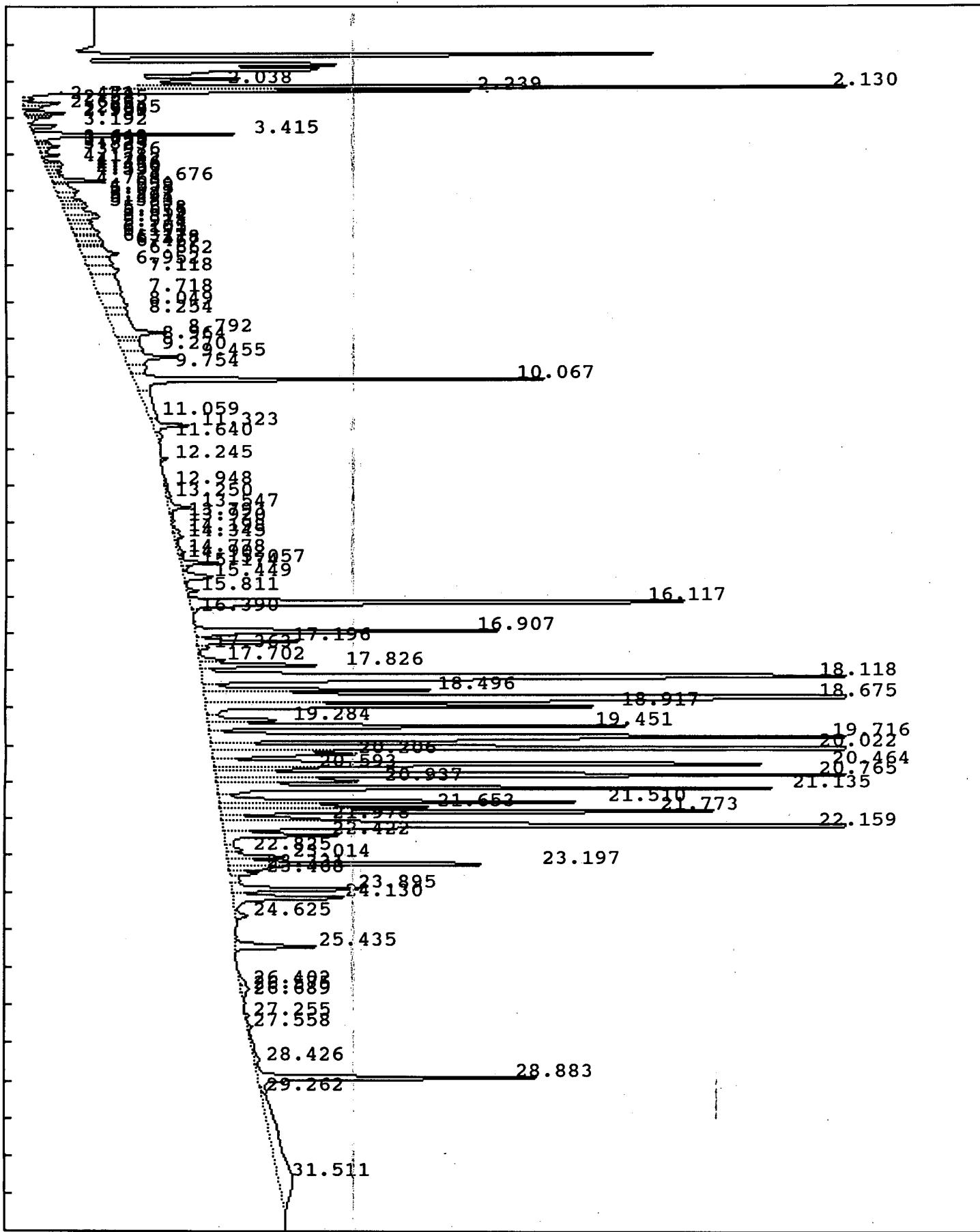
<u>12674-11-2</u>	<u>Aroclor-1016</u>	<u>33.</u>	<u>U</u>
<u>11104-28-2</u>	<u>Aroclor-1221</u>	<u>67.</u>	<u>U</u>
<u>11141-16-5</u>	<u>Aroclor-1232</u>	<u>33.</u>	<u>U</u>
<u>53469-21-9</u>	<u>Aroclor-1242</u>	<u>33.</u>	<u>U</u>
<u>12672-29-6</u>	<u>Aroclor-1248</u>	<u>33.</u>	<u>U</u>
<u>11097-69-1</u>	<u>Aroclor-1254</u>	<u>250</u>	
<u>11096-82-5</u>	<u>Aroclor-1260</u>	<u>33.</u>	<u>U</u>

0455

IEA Pesticide Standard Report

Sample Name : 042798-B02QC PBLK41QC
Result File : /DATA/LOOP/RESULT/A4524073.RES
Column Type : DB-1701 30-Meter, 0.53mm ID

Inj on 0141 01May1998
INSTRUMENT: HP58904A
Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 042798-B02QC PBLK41QC Report No : 73.00
 Result File : /DATA/LOOP/RESULT/A4524073.RES
 Column Type : DB-1701 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904A
 Calculation : ExternalSTD
 Run Time : 33.00 Mins. Injected on 0141 01May1998
 Sequence File : /DATA/LOOP/SEQUENCE/A4524.SEQ
 Subseq/Sample : 1/ 73 Bottle no. : 73

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak	Width	Area	Code	PPB	Name
1	2.04		.033425		16731	PH	0.0000	
2	2.13		.042607		724086	VV	0.0000	
3	2.24		.055284		274155	VV	0.0000	
4	2.47		.031181		5287	PV	0.0000	
5	2.58		.053851		34448	PV	0.0000	
6	2.69		.055068		18790	VV	0.0000	
7	2.85		.078532		34180	PV	0.0000	
8	2.91		.035973		9952	VV	0.0000	
9	2.96		.044303		14086	VV	0.0000	
10	3.19		.063722		24554	VV	0.0000	
11	3.41		.066679		168009	PV	0.0000	
12	3.65		.057849		7912	VV	0.0000	
13	3.70		.037174		5244	VV	0.0000	
14	3.75		.057472		15438	VV	0.0000	
15	3.83		.088164		10493	VV	0.0000	
16	3.98		.053362		12838	VV	0.0000	
17	4.18		.064441		11137	VV	0.0000	
18	4.24		.073272		17279	VV	0.0000	
19	4.35		.071356		12883	VV	0.0000	
20	4.45		.066833		10455	VV	0.0000	
21	4.56		.076389		10996	VV	0.0000	
22	4.68		.063697		48609	VV	0.0000	
23	4.77		.056254		8655	VV	0.0000	
24	4.96		.140445		37664	VV	0.0000	
25	5.08		.132333		23642	VV	0.0000	
26	5.23		.089314		21517	VV	0.0000	
27	5.29		.063509		16297	VV	0.0000	
28	5.38		.104425		26944	VV	0.0000	
29	5.58		.129059		41345	VV	0.0000	
30	5.65		.120557		44468	VV	0.0000	
31	5.81		.083409		19647	VV	0.0000	
32	5.97		.151116		33845	VV	0.0000	
33	6.10		.147296		39085	VV	0.0000	
34	6.19		.056015		13579	VV	0.0000	
35	6.32		.117787		32837	VV	0.0000	
36	6.38		.069909		19060	VV	0.0000	
37	6.47		.078603		20129	VV	0.0000	
38	6.66		.202893		78600	VV	0.0000	
39	6.95		.227614		64128	VV	0.0000	

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	7.12		.202735	62540	VV	0.0000	
41	7.72		.531776	130763	VV	0.0000	
42	8.05		.343426	87277	VV	0.0000	
43	8.25		.143471	32157	VV	0.0000	
44	8.79		.280440	161602	VV	0.0000	
45	8.96		.089112	20455	VV	0.0000	
46	9.27		.292497	64531	VV	0.0000	
47	9.45		.171296	100452	VV	0.0000	
48	9.75		.231380	40706	VV	0.0000	
49	10.07	10.06	.077603	376318	VV	3.4892	Tetrachloro-m-xylene
50	11.06		.756347	72146	VV	0.0000	
51	11.32		.126895	52725	VV	0.0000	
52	11.64		.125265	8824	BV	0.0000	
53	12.24		.068160	5561	BV	0.0000	
54	12.95		.153459	4890	PV	0.0000	
55	13.25		.206351	8895	VV	0.0000	
56	13.55		.122119	31039	VV	0.0000	
57	13.79		.108782	3712	VV	0.0000	
58	13.92		.117240	4250	VV	0.0000	
59	14.20		.124349	10111	PV	0.0000	
60	14.34		.094659	8963	VV	0.0000	
61	14.78		.197575	13475	VV	0.0000	
62	14.90		.080439	3770	VV	0.0000	
63	15.06		.076677	32531	VV	0.0000	
64	15.17		.115417	10042	VV	0.0000	
65	15.45		.149303	44157	VV	0.0000	
66	15.81		.072610	9384	VV	0.0000	
67	16.12		.095568	589658	VV	0.0000	
68	16.39		.097045	5515	BV	0.0000	
69	16.91		.082838	285357	BV	0.0000	
70	17.20		.078232	95810	VV	0.0000	
71	17.36		.105175	13277	VV	0.0000	
72	17.70		.094351	25963	VV	0.0000	
73	17.83	17.83	.087266	122414	VV	1.2773	delta-BMe
74	18.12		.102958	1234143	VV	0.0000	
75	18.50		.079110	205002	VV	0.0000	
76	18.67		.113077	1244511	VV	0.0000	
77	18.92		.087388	394877	VV	0.0000	
78	19.28	19.35	.082511	72562	VV	.6646	gamma-Chlordane
79	19.45	19.51	.082689	384868	VV	3.6420	alpha-Chlordane
80	19.72		.109717	839042	VV	0.0000	
81	20.02		.076352	1140299	VV	0.0000	
82	20.21		.120220	187040	VV	0.0000	
83	20.46		.094517	611034	VV	0.0000	
84	20.59		.070258	82658	VV	0.0000	
85	20.77		.084226	883465	VV	0.0000	
86	20.94	20.91	.081121	141328	VV	1.8514	Endrin
87	21.14		.085993	550610	VV	0.0000	
88	21.51		.080565	336387	VV	0.0000	
89	21.65	21.68	.074603	176287	VV	4.5484	Chlorobenzilate
90	21.77		.075044	482315	VV	0.0000	
91	21.98		.073844	83092	VV	0.0000	
92	22.16	22.16	.099212	1050554	VV	14.2668	4,4'-DDD
93	22.42		.113526	139441	VV	0.0000	
94	22.82		.130885	23718	VV	0.0000	Mylar

0458

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	23.01		.099616	67035	VV	0.0000	
96	23.20		.083793	273241	VV	0.0000	
97	23.33		.084570	38654	VV	0.0000	
98	23.47		.093965	29828	VV	0.0000	
99	23.90		.095758	149666	VV	0.0000	
100	24.13		.119905	155818	VV	0.0000	
101	24.63	24.68	.128458	17198	VV	.5036	Methoxychlor
102	25.44		.106618	91485	VB	0.0000	
103	26.40		.172778	12333	BV	0.0000	
104	26.57		.139879	12557	VV	0.0000	
105	26.69		.140444	8016	VV	0.0000	
106	27.25		.083747	4007	PV	0.0000	
107	27.56		.125227	6235	VV	0.0000	
108	28.43		.410985	24065	VV	0.0000	
109	28.88	#28.88	.095643	294656	VV	2.9791	Decachlorobiphenyl
110	29.26		.150757	8559	VV	0.0000	
111	31.51		1.792882	283911	VB	0.0000	

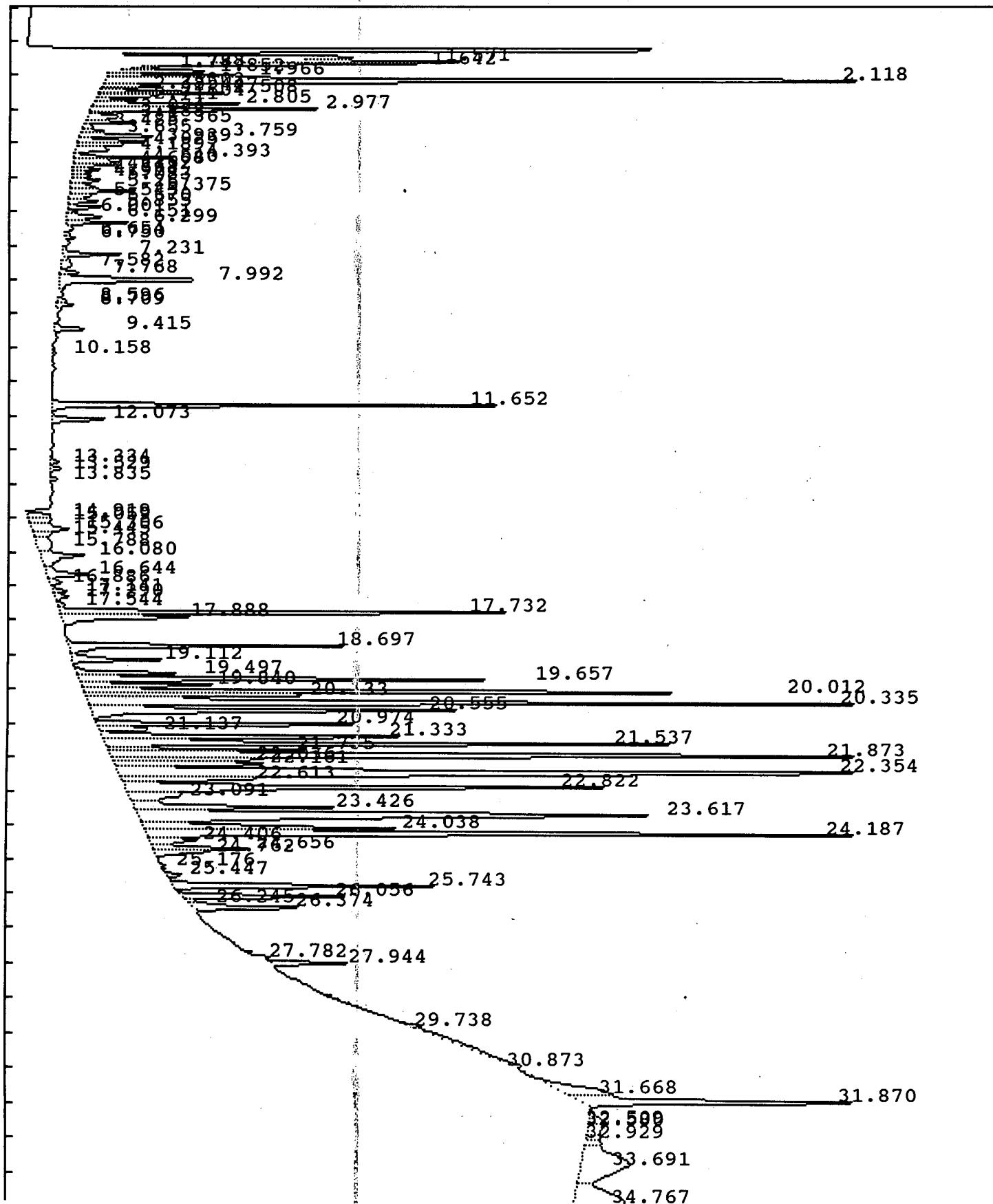
Total Area : 16308774 Total PPB : 33.223

Report Time : 0217 01May1998
 Method : /DATA/LOOP/METHOD/A4524.MTH
 Result File : /DATA/LOOP/RESULT/A4524073.RES

0459

IEA Pesticide Standard Report

Sample Name : 042798-B02QC PBLK41QC Inj on 0843 05May1998
Result File : /HP58904B/RESULT/B4509112.RES INSTRUMENT: HP58904B
Column Type : RTX-35 30-Meter, 0.53mm ID Inj. Vol. : 1 ul



IEA Pesticide Standard Report

Sample Name : 042798-B02QC PBLK41QC Report No : 28.10
 Result File : /HP58904B/RESULT/B4509112.RES
 Column Type : RTX-35 30 Meter, 0.53mm ID Inj. Vol. : 1 ul
 Instrument : HP58904B
 Calculation : ExternalSTD
 Run Time : 36.00 Mins. Injected on 0843 05May1998
 Sequence File : /DATA/LOOP/SEQUENCE/B4509.SEQ
 Subseq/Sample : 2 / 13 Bottle no. : 13

% Dil-Fact
3333.00

Run Status : RunStatusOK
EndOffBaseline

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
1	1.57		.034545	119791	BV	0.0000	
2	1.64		.047886	180580	VV	0.0000	
3	1.74		.030584	12070	PV	0.0000	
4	1.78		.025567	6776	VV	0.0000	
5	1.85		.052677	107230	VV	0.0000	
6	1.97		.062929	116912	PV	0.0000	
7	2.12		.065499	1736498	VV	0.0000	
8	2.30		.054286	63322	VV	0.0000	
9	2.39		.042777	13651	VV	0.0000	
10	2.45		.047085	64478	VV	0.0000	
11	2.51		.054822	124596	VV	0.0000	
12	2.60		.051215	47342	VV	0.0000	
13	2.71		.054313	41877	VV	0.0000	
14	2.80		.080375	191202	VV	0.0000	
15	2.98		.077484	297080	VV	0.0000	
16	3.07		.045696	18081	VV	0.0000	
17	3.19		.113049	59543	VV	0.0000	
18	3.36		.067049	52602	VV	0.0000	
19	3.48		.087492	14578	PV	0.0000	
20	3.65		.090679	30440	VV	0.0000	
21	3.76		.056381	101740	VV	0.0000	
22	3.94		.101943	101994	VV	0.0000	
23	4.02		.078338	57144	VV	0.0000	
24	4.19		.126763	65108	VV	0.0000	
25	4.39		.066346	109232	PV	0.0000	
26	4.54		.086748	57418	VV	0.0000	
27	4.61		.076960	47772	VV	0.0000	
28	4.75		.088766	36534	VV	0.0000	
29	4.87		.061712	18857	VV	0.0000	
30	4.97		.095909	27535	VV	0.0000	
31	5.08		.070244	39100	VV	0.0000	
32	5.27		.116430	40275	VV	0.0000	
33	5.38		.086525	92280	VV	0.0000	
34	5.54		.104449	33524	VV	0.0000	
35	5.67		.084670	43369	VV	0.0000	
36	5.86		.065430	44108	VV	0.0000	
37	6.00		.070594	11103	VV	0.0000	
38	6.15		.125574	62238	VV	0.0000	
39	6.30		.075474	77104	VV	0.0000	

0461

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
40	6.65		.073317	6666	VV	0.0000	
41	6.75		.082749	13824	VV	0.0000	
42	7.23		.088956	82420	VV	0.0000	
43	7.58		.205663	31905	VV	0.0000	
44	7.77		.086097	28419	VV	0.0000	
45	7.99		.146736	285249	VV	0.0000	
46	8.60		.078966	13385	VV	0.0000	
47	8.71		.083903	23139	VV	0.0000	
48	9.42		.094196	50069	VV	0.0000	
49	10.16		.166859	9995	PV	0.0000	
50	11.65	11.64	.074424	520770	BV	3.2843	Tetrachloro-m-xylene
51	12.07		.106047	86820	VV	0.0000	
52	13.33		.100236	12712	VV	0.0000	
53	13.53		.080331	16732	VV	0.0000	
54	13.84		.076855	9540	PV	0.0000	
55	14.92		.140013	46444	PV	0.0000	
56	15.06		.168352	53556	VV	0.0000	
57	15.31		.189799	104418	VV	0.0000	
58	15.44	15.41	.124937	33226	VV	.1691	gamma-BHC (Lindane)
59	15.79		.358674	73278	VV	0.0000	
60	16.08		.201712	136748	VV	0.0000	
61	16.64		.146349	88368	VV	0.0000	
62	16.89	16.87	.151686	26630	VV	.1456	delta-BHC
63	17.14		.108847	24380	VV	0.0000	
64	17.29		.128415	28325	VV	0.0000	
65	17.54		.081171	11425	VV	0.0000	
66	17.73		.086754	650334	VV	0.0000	
67	17.89	17.85	.100722	218634	VV	1.1554	Aldrin
68	18.70		.091130	381618	BV	0.0000	
69	19.11		.095914	132864	VB	0.0000	
70	19.50		.082182	143040	BV	0.0000	
71	19.66	19.61	.083843	556713	VV	3.0068	Heptachlor epoxide
72	19.84		.080361	179263	VV	0.0000	
73	20.01		.086400	871136	VV	0.0000	
74	20.13	20.22	.079109	254136	VV	1.3118	gamma-Chlordane
75	20.33		.098313	1263983	VV	0.0000	
76	20.56		.104020	605877	VB	0.0000	
77	20.97		.084826	372485	BV	0.0000	
78	21.14		.078854	76382	VV	0.0000	
79	21.33	21.40	.092734	469325	VV	2.8640	4,4'-DDE
80	21.54		.084919	795865	VV	0.0000	
81	21.74	21.69	.077205	239334	VV	1.4332	Dieldrin
82	21.87		.092486	1649838	VV	0.0000	
83	22.04		.081817	158100	VV	0.0000	
84	22.16		.114542	257488	VV	0.0000	
85	22.35	22.41	.142524	1962616	VV	12.7370	Chlorobenzilate
86	22.61		.090808	180543	VV	0.0000	
87	22.82	22.74	.112281	876871	VV	6.4246	Endrin
88	23.09	23.07	.188985	149330	VV	1.1469	4,4'-DDD
89	23.43		.102318	303633	VV	0.0000	
90	23.62		.165857	1261710	VV	0.0000	
91	24.04		.123432	456484	VV	0.0000	
92	24.19	24.15	.099835	1213581	VV	8.5553	4,4'-DDT
93	24.41	24.36	.145336	99941	VV	.8577	Endrin aldehyde
94	24.66		.114480	157131	VV	0.0000	

M/S/11/4

0462

IEA Pesticide Standard Report

Pk#	RT	ID-tm	Peak Width	Area	Code	PPB	Name
95	24.76		.096603	69309	VV	0.0000	
96	25.18		.094363	5953	PV	0.0000	
97	25.45		.105870	23639	PV	0.0000	
98	25.74		.102439	393358	VB	0.0000	
99	26.06		.094632	230145	BV	0.0000	
100	26.24		.069167	17620	VV	0.0000	
101	26.37		.107163	179988	VB	0.0000	
102	27.78		.072217	10571	BB	0.0000	
103	27.94		.089862	106067	BB	0.0000	
104	29.74		.214499	42915	BV	0.0000	
105	30.87		1.219400	177030	VB	0.0000	
106	31.67		.297958	203782	BV	0.0000	
107	31.87	#31.88	.115535	590384	VB	5.1411	Decachlorobiphenyl
108	32.51		.198357	46508	BV	0.0000	
109	32.58		.240190	57617	VV	0.0000	
110	32.93		.121824	25180	VV	0.0000	
111	33.69		.713869	481360	VV	0.0000	
112	34.77		.630228	445908	VB	0.0000	

Total Area : 25229128 Total PPB : 48.233

Report Time : 1804 11May1998
 Method : /DATA/LOOP/METHOD/B4509_112.MT
 Result File : /HP58904B/RESULT/B4509112.RES

MISCELLANEOUS DATA

CLIENT:	ROY F. WESTON
PROJ ID:	RFP#2523 SITE ID G2
P.O.#:	92112
SDG#:	A0920
AEN I.D.	7098-0920A

Organic Sample Preparation Log

Parameter	6001 PCB US	Ext. Meth	Sonic	Na2SO4 Lot #	/ 26636	Extraction Date	04/23/98
Corr. MS/SD	AB			Alumina Lot	113	Completion Date	04/23/98
Surrogate By	AB			Reagent H2O Lot		Surrogate Code	P51
Spike By	AB			Na2SO4 Lot #		Surrogate QC	04/15/98
Extracted By	AB			NaOH Lot #		Witness:	BR 1251 ms/psD
Int. Conc By	AB			Florisil Lot #		Date:	04/15/98
Final Conc By	AB			Acetone Lot #		Location	04/16/98
Blank	040295-B02	1/14	10/14	30	1000	W/W	10
Western	09209 - 01	Y		30	1000	W/W	10
	-01msd			30	1000	W/W	10
	-01msd			30	1000	W/W	10
	-02			30	1000	W/W	10
	-03			30	1000	W/W	10
	-04			30	1000	W/W	10
	-05			30	1000	W/W	10
	-06			30	1000	W/W	10
	-07			30	1000	W/W	10
	-08			30	1000	W/W	10
	-09			30	1000	W/W	10
	-10			30	1000	W/W	10
	-11			30	1000	W/W	10
	-12			30	1000	W/W	10
	-13			30	1000	W/W	10
	-14			30	1000	W/W	10
	-15			30	1000	W/W	10
	-16			30	1000	W/W	10
	-17			30	1000	W/W	10
	-18			30	1000	W/W	10
	-19			30	1000	W/W	10
	-20			30	1000	W/W	10

Internal Chain-of-Custody

Client: R.F. Weston

Custody Seal: present / absent
intact / not intact

AEN Job #: 7098 - 0920A

Airbill #: 48111228950/9701964703

Sample #: 01-20

Field C-O-C: present / absent

f. 40.

Locations:

0466

IEA Inc.

GC-GC/MS Extract Chain-of-Custody

Fraction:

Pesticide-PCA Herbicide / O/P Pest / Other
(Circle one)

CLIENT

JOB NO(s).

WESSTON

0920A

By 5/12/98

Codus

SC → Screening

ATT : Analysis

Verified by

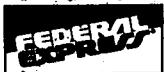
Dawn H

Date 5/12/98

0467

SHIPPING/RECEIVING DOCUMENTS

CLIENT:	ROY F. WESTON
PROJ ID:	RFP#2523 SITE ID G2
P.O.#:	92112
SDG#:	A0920
AEN I.D.	7098-0920A



QUESTIONS? CALL 800-238-5355 TOLL FREE!

COPY - ORIGINAL IN SGD 0468
CDAAC001AIRBILL
PACKAGE
TRACKING NUMBER

4611728950

466N

466N 4611728950

Date

4/22/98

Cook #2

RECIPIENT'S COPY

From (Your Name) Please Print

M. Michael Kopf

Your Phone Number (Very Important)

(908)223-6116

To (Recipient's Name) Please Print

Eric Johnson

Recipient's Phone Number (Very Important)

(203)261-4438

Company

Department/Floor No.

Company

Department/Floor No.

ROY F WESTON INC

Street Address

1090 KING GEORGES POST RD #201

City

State

ZIP Required

EDISON

NJ

08837

City

State

ZIP Required

MONROE

DE 468

YOUR INTERNAL BILLING REFERENCE INFORMATION (optional). (First 24 characters will appear on invoice.)

001054 11298121002253822

HOLD FOR PICK-UP Print FEDEX Address Here

Street

Address

PAYMENT 1 Bill Sender 2 Bill Recipient's FedEx Acct. No. 3 Bill 3rd Party FedEx Acct. No. 4 Bill Credit Card3
5 Cash/
CheckSERVICES
(Check only one box)Priority Overnight
(Delivery by next business morning)
No Saturday delivery)11 YOUR

PACKAGING

16 FEDEX LETTER51 YOUR

PACKAGING

12 FEDEX PAK*56 FEDEX LETTER*13 FEDEX BOX52 FEDEX PAK*14 FEDEX TUBE53 FEDEX BOX54 FEDEX TUBE

Economy Two-Day

(Delivery by second business day)

30 ECONOMY

Government Overnight

(Restricted for authorized users only)

46 GOVT

LETTER

47 GOVT

PACKAGE

Freight Service

(For packages over 150 lbs.)

70 OVERNIGHT

FREIGHT**

(Confirmed reservation required)

80 TWO-DAY

FREIGHT**

*Delivery commitment may

be later in some areas.

**Declared Value Limit \$500.

***Call for delivery schedule.

DELIVERY AND SPECIAL HANDLING
(Check services required)

6 PACKAGES

WEIGHT
In Pounds
OnlyYOUR DECLARED
VALUE1 HOLD FOR PICK-UP (Fill in Box H)2 DELIVER WEEKDAY3 DELIVER SATURDAY (Extra charge)

(Not available to all locations)

4 DANGEROUS GOODS (Extra charge)5 6 DRY ICE Lbs.7 OTHER SPECIAL SERVICE8 9 SATURDAY PICK-UP

(Extra charge)

10 11 12 HOLIDAY DELIVERY (If offered)

(Extra charge)

Emp. No.

Date

Federal Express Use

Base Charges

Declared Value Charge

Other 1

Other 2

Total Charges

REVISION DATE 2/92

PART #137204 NCREC 5/92

FORMAT #126

126

© 1991-92 FEDEX

PRINTED IN

U.S.A.

BIM SHIPMENT (Chargeable Weight)

lbs.

L x W x H

Received At

1 Regular Stop3 Drop Box4 B.S.C.5 Station2 On-Call Stop

Release

Signature:

100

McDonnelly 4/23/98

RFP No.:

2523

PO No.:

92112

CHAIN OF CUSTODY RECORD



SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

7098-0920A 469

Matrix Box No.:

1. Surface Water
2. Ground Water
3. Leachate
4. Rinseate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

Preservative Box No.:

1. HCl
2. HNO₃
3. Na₂SO₄
4. H₂SO₄
5. Other (Specify)
6. Ice Only
- N. Not Preserved
- * See Comments

Send verbal and written results to:

Roy F. Weston, Inc., USEPA Region II START
Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703
Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C Grab-G	Sample Preserv. (Enter box #)	BAS ANALYSIS				RCRA ANALYSIS				OTHER
						VOA	BNA	PEST	PCBM	TAL	CN	KEN	COR	
CD4 - 001	4/22/98 0840	5	2	G	6					X				ms/msd 131 01
CD4 - 002			0847							X				02
CD4 - 003			0852							X				03
CD4 - 004			0854							X				04
CD4 - 005			0915							X				05
CD4 - 006			0912							X				06
CD4 - 007			0915							X				07
CD4 - 008			0919							X				08
CD4 - 009			0910							X				09
CD4 - 010			0825							X				10
CD4 - 011	Y	0919	↓	↓	↓	↓	↓	↓	↓	X				11

Comments:

Spt. calibration using Alocritec 1254 STD.

MS/MSD for CD4-001

Person Assuming Responsibility for Sample:

M. Mahnkopf

Time Date (MM/DD/YY)

1530 4/22/98

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
All	M. Mahnkopf	10:07	4/22/98		PASS air tight screen
					W.Mahnkopf

Roy F. Weston, Inc.

FEDERAL PROGRAMS DIVISION

In Association with Resource Applications, Inc., R.E. Sarrica Associates, PRC Environmental Management, C.C. Johnson & Malhorn, P.C., and GBD Environmental Services, Inc.

RFP No.:

2523

PO No.:

92112

CHAIN OF CUSTODY RECORD



SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM
EPA CONTRACT 68-W5-0019
Phone: 908-225-6116 Fax: 908-225-7037

7098-0920A70

Matrix Box No.:

1. Surface Water
2. Ground Water
3. Leachate
4. Rinseate
5. Soil/Sediment
6. Oil
7. Waste
8. Other (Specify)

Preservative Box No.:

1. HCl
2. HNO3
3. Na2SO4
4. H2SO4
5. Other (Specify)
6. Ice Only
- N. Not Preserved
- * See Comments

Send verbal and written results to:

Roy F. Weston, Inc., USEPA Region II START

Suite 201, 1090 King Georges Post Road, Edison, New Jersey 08837-3703

Attention: Smita Sumbaly, START Analytical Coordinator

Sample Number	Sample Collection MM/DD/YY/Time	Sample Matrix (Enter box #)	Conc. Low-L Med-M High-H	Sample Type Comp-C	Sample Preserv. (Enter box #)	BAS ANALYSIS			RCRA ANALYSIS			OTHER
						VOA	BNA	PEST	PCDE	TAL	CN	
CD4 - 012	4/22/98 0905	5	L	G	6					X		
CD4 - 013										X		
CD4 - 014										X		
CD4 - 015										X		
CD4 - 016										X		
CD4 - 017										X		
CD4 - 018										X		
CD4 - 019										X		
CD4 - 020	0840		↓	↓	↓	↓				X		
R4												

Comments:

5 pt. Calibration using Alocator 1254 STD,

Person Assuming Responsibility for Sample:

M. Matalkopf

Time

Date (MM/DD/YY)

1530 4/22/98

Sample Number	Relinquished By:	Time	Date	Received By:	Reason for Change of Custody
A11	M. Matalkopf	1027	4/22/98		Transfer

Roy F. Weston, Inc.

FEDERAL PROGRAMS DIVISION

In Association with Resource Applications, Inc., R.E. Sartori Associates, PRC Environmental Management, C.C. Johnson & Mathews, D.C. and GBD Environmental

SAMPLE LOG-IN SHEET
COPY - ORIGINAL IN SDG CDAA 001
Cooler #2

Name <u>AEN/CT</u>	Page <u>1</u> of <u>2</u>	
Received By (Print Name) <u>Mary A. DONNELLY</u>	Log-in Date <u>4-23-98</u>	
Received By (Signature) <u>M. Donnelly</u>		
Case Number	Sample Delivery Group No. <u>CDY001</u>	SAS Number
Remarks: <u>30C</u>		
1. Custody Seal(s) Present/Absent* Intact/Broken	EPA Sample # <u>CDAA 003</u>	Corresponding Sample Tag # <u>NA</u>
2. Custody Seal Nos.	Assigned Lab # <u>98092A-03</u>	Remarks: Condition of Sample Shipment, etc. <u>INTACT</u>
3. Chain-of-Custody Records Present/Absent*	004	04
4. Traffic Reports or Packing Lists Present/Absent*	005	05
5. Airbill Airbill Sticker Present/Absent*	CDY 001	98092A-01
6. Airbill No. <u>4811728450</u>	002	02
7. Sample Tags Present/Absent*	003	03
8. Sample Tag Numbers Listed/Not Listed on Chain-of-Custody	007	07
9. Sample Condition Intact/Broken*/Leaking	008	08
10. Does information on custody records, traffic reports, and sample tags agree? Yes/No*	009	09
11. Date Received at Lab <u>4/23/98</u>	013	13
12. Time Received <u>1000</u>	018	18
	019	19
Sample Transfer	020	20
Fraction PCB PCB	Fraction <u>CDZ 001</u>	980919A-01
Area # <u>R40</u>	Area # <u>002</u>	02
By <u>MAD</u>	By <u>003</u>	03
On <u>4/23/98</u>	On <u>004</u>	04
* Contact SDO and attach record of resolution.		
Reviewed By <u>Mary A. Donnelly</u> <u>4/23/98</u>	Logbook No.	
	Logbook Page No.	

SAMPLE LOG-IN SHEET

COPY-ORIGINAL IN SDG CDBB#1
Cooler #1

S Name	AEN/CT	Page <u>2</u> of <u>3</u>
Received By (Print Name)	MARY A. DONNELLY	Log-in Date <u>4.23.98</u>
Received By (Signature)	M. Donnelly	
Case Number		Sample Delivery Group No. <u>Cdy 001</u>
Remarks:	<u>30C</u>	SAS Number
1. Custody Seal(s)	Present/Absent* Intact/Broken	Corresponding EPA Sample # Sample Tag # Assigned Lab #
2. Custody Seal Nos.		
3. Chain-of-Custody Records	Present/Absent*	
4. Traffic Reports or Packing Lists	Present/Absent*	
5. Airbill	Airbill/Ticker Present/Absent*	
6. Airbill No.	<u>9701904703</u>	
Sample Tags	Present/Absent*	
Sample Tag Numbers	Listed/Not Listed on Chain-of-Custody	
8. Sample Condition	Intact/Broken*/Leaking	
9. Does information on custody records, traffic reports, and sample tags agree?	Yes/No*	
10. Date Received at Lab	<u>4/23/98</u>	
11. Time Received	<u>1000</u>	
Sample Transfer		Cdy 004 980920A-01
Fraction	Fraction	005 05
Area #	Area #	006 06
12	By	010 10
13	On	011 11
14		012 12
15		
16		
17		
18		
19		
20		
* Contact SDO and attach record of resolution		
Reviewed By	Mary A. Donnelly <u>4/23/98</u>	Logbook No.
'e'		Logbook Page No.

0473

Cooler #1

Page 3 of 3

Log-in Date
4-23-98

5 Name Received By (Print Name)	AEN/CT	Page <u>3</u> of <u>3</u>	
Received By (Signature)	MARY A. DONNELLY M. McDonnelly	Log-in Date <u>4-23-98</u>	
Case Number	Sample Delivery Group No. <u>CDy001</u>		
Remarks: <u>3°C</u>	SAS Number		
Item	Corresponding		Remarks: Condition of Sample Shipment, etc.
	EPA Sample #	Sample Tag #	
1. Custody Seal(s) Present/Absent* Intact/Broken	<u>CDy014</u>	<u>NA</u>	<u>98090A-14</u> INTACT
2. Custody Seal Nos.	<u>015</u>		<u>15</u>
3. Chain-of Custody Records	<u>016</u>		<u>16</u>
4. Traffic Reports or Packing Lists	<u>017</u>	<u>✓</u>	<u>17</u>
5. Airbill Airbill/ <u>Sticker</u>			
6. Airbill No. <u>9701904703</u>			
7. Sample Tags Present/Absent*			
8. Sample Tag Numbers Listed/Not Listed on Chain-of-Custody			
9. Sample Condition Intact/Broken*/Leaking			
10. Does information on custody records, traffic reports, and sample tags agree? Yes/No*			
11. Date Received at Lab <u>4/23/98</u>			
12. Time Received <u>AM 1000</u>			
Sample Transfer			
Fraction <u>PCB</u>	Fraction		
Area # <u>P40</u>	Area #		
By <u>Mary A. McDonnelly</u>	By		
On <u>4/23/98</u>	On		

- Contact SHO and attach records of resolution.

Reviewed By Mary L. Dignally Logbook No.
Date 4/23/98 Logbook Page No.

SAMPLE RECORDS AND TRACKING SHEETS

CLIENT:	ROY F. WESTON
PROJ ID:	RFP#2523 SITE ID G2
P.O. #:	92112
SDG#:	A0920
AEN I.D.	7098-0920A

AEN-Connecticut
200 Monroe Turnpike
Monroe CT 06468
Phone: (203) 261-4458
Fax: (203)268-5346

JOB COVER SHEET

AEN JOB #

7098-0920A

REFRIDGERATOR#

R40

COMMENTS:

01-20

Date Issued : 04/23

IEA CT
Master Login Report-7098-0920A

Page: 1

Client : ROY F. WESTON, INC/USEPA REGION II STARTReport : MS. SMITA SUMBALY,START ANAL.COORDINATOR Billing : MS. SMITA SUMBALY,START ANAL.COORDINATORProject Start Date
 Project Number : W15870-RFP #2523 1090 KING GEORGES POST ROAD 1090 KING GEORGES POST ROAD Diskette Type : NONE
 Project Name : RFP #2523,SITE ID G2 SUITE 201 SUITE 201 Sales Person : Mark Riether (NJ)
 Project Manager: Johanna Dubauskas EDISON, NJ 08837-3703 EDISON, NJ 08837-3703 PO Number : 92112
 Project Type : CLP Client Contact : SMITA SUMBALY
 Project Site : NJ Report Type : C3.2

Sample Number	QC	Client ID	Samp Date	Rec Date	Due Date	Verb	Pri	Mu	Di	Total Mat Analyses Price	CS	SV	AS	CC	VO	GC	DM
980920A-01		CDY-001	04/22 04/23	05/13	05/13					68.50 Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE						
							1	0		68.50 SO PCB-8081					LOG	RECV	
980920A-01MS		CDY-001	04/22 04/23	05/13	05/13					0.00 Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE						
							1	0		0.00 SO PCB-8081					LOG	RECV	
980920A-01MSD		CDY-001	04/22 04/23	05/13	05/13					0.00 Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE						
							1	0		0.00 SO PCB-8081					LOG	RECV	
980920A-02		CDY-002	04/22 04/23	05/13	05/13					68.50 Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE						
							1	0		68.50 SO PCB-8081					LOG	RECV	
980920A-03		CDY-003	04/22 04/23	05/13	05/13					68.50 Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE						
							1	0		68.50 SO PCB-8081					LOG	RECV	
980920A-04		CDY-004	04/22 04/23	05/13	05/13					68.50 Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE						
							1	0		68.50 SO PCB-8081					LOG	RECV	
980920A-05		CDY-005	04/22 04/23	05/13	05/13					68.50 Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE						
							1	0		68.50 SO PCB-8081					LOG	RECV	
980920A-06		CDY-006	04/22 04/23	05/13	05/13					68.50 Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE						
							1	0		68.50 SO PCB-8081					LOG	RECV	
980920A-07		CDY-007	04/22 04/23	05/13	05/13					68.50 Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE						
							1	0		68.50 SO PCB-8081					LOG	RECV	
980920A-08		CDY-008	04/22 04/23	05/13	05/13					68.50 Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE						
							1	0		68.50 SO PCB-8081					LOG	RECV	
980920A-09		CDY-009	04/22 04/23	05/13	05/13					68.50 Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE						
							1	0		68.50 SO PCB-8081					LOG	RECV	
980920A-10		CDY-010	04/22 04/23	05/13	05/13					68.50 Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE						
							1	0		68.50 SO PCB-8081					LOG	RECV	

Continued on next page

40

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93

Date Issued : 04/23

IEA CT
Master Login Report-7098-0920A

Page: 2

Client : ROY F. WESTON, INC/USEPA REGION II STARTReport : MS. SMITA SUMBALY,START ANAL.COORDINATOR Billing : MS. SMITA SUMBALY,START ANAL.COORDINATORProject Start Date
 Project Number : W15870-RFP #2523 1090 KING GEORGES POST ROAD 1090 KING GEORGES POST ROAD Diskette Type : NONE
 Project Name : RFP #2523,SITE ID G2 SUITE 201 SUITE 201 Sales Person : Mark Riether (NJ)
 Project Manager: Johanna Dubauskas EDISON, NJ 08837-3703 EDISON, NJ 08837-3703 PO Number : 92112
 Project Type : CLP Client Contact : SMITA SUMBALY
 Project Site : NJ Report Type : C3.2

Sample Number	QC	Client ID	Samp Date	Rec Date	Due Date	Verb	Pri	Mu	Di	Total Price	Mat Analyses	CS	SV	AS	CC	VO	GC	DM
980920A-11		CDY-011	04/22 04/23	05/13	05/13					68.50	Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE					LOG	RECV
							1	0		68.50	SO PCB-8081							
980920A-12		CDY-012	04/22 04/23	05/13	05/13					68.50	Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE					LOG	RECV
							1	0		68.50	SO PCB-8081							
980920A-13		CDY-013	04/22 04/23	05/13	05/13					68.50	Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE					LOG	RECV
							1	0		68.50	SO PCB-8081							
980920A-14		CDY-014	04/22 04/23	05/13	05/13					68.50	Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE					LOG	RECV
							1	0		68.50	SO PCB-8081							
980920A-15		CDY-015	04/22 04/23	05/13	05/13					68.50	Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE					LOG	RECV
							1	0		68.50	SO PCB-8081							
980920A-16		CDY-016	04/22 04/23	05/13	05/13					68.50	Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE					LOG	RECV
							1	0		68.50	SO PCB-8081							
980920A-17		CDY-017	04/22 04/23	05/13	05/13					68.50	Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE					LOG	RECV
							1	0		68.50	SO PCB-8081							
980920A-18		CDY-018	04/22 04/23	05/13	05/13					68.50	Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE					LOG	RECV
							1	0		68.50	SO PCB-8081							
980920A-19		CDY-019	04/22 04/23	05/13	05/13					68.50	Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE					LOG	RECV
							1	0		68.50	SO PCB-8081							
980920A-20		CDY-020	04/22 04/23	05/13	05/13					68.50	Comments : SEE SPECIAL INSTRUCTIONS Description: MUST BE IN CLIENTS HANDS ON DAY 21	DONE					LOG	RECV
							1	0		68.50	SO PCB-8081							
			Total Price				:			1370.00								

Continued on next page

OTHER RECORDS

CLIENT:	ROY F. WESTON
PROJ ID:	RFP#2523 SITE ID G2
P.O.#:	92112
SDG#:	A0920
AEN I.D.	7098-0920A

Special Instructions

EW CC EX GC SV VO SC DM (See 2nd page)

Job Number: 7098-0919 A
-0920AClient: Roy F. WestonGroup
-0921 A
-0922 AInstructions

All PENALTY JOBS

cumulative reduction of total

3% for 1st day late2 % for 2nd day late and an additional 1% for each day after31 day hand copy in hands (due to client on May 14th)

DM: Sub CIP type package (JUST like EPA)

see attached as to what is required

Indication in voice Contract # START Nbr 68-W5-0019

(G-C) Submit only original plq unbound - NO copies per Dan Glenn.
Holding time = 7 days from collection to extraction No dictated either

(2) 5 pt calibration using arachlor 1254

4-23-98

(3) Substitute arachlor 1254 for MS/MSD rather than a pesticide

(4) Use 8081 SW846 methodology

(5) 2 different between primary and confirmation column is required

Specified CLP QC criteria met

17480

EXPECTED REGION II QA/QC DOCUMENTATION AND COMPLIANCE

CLP-Format Data Package (as applicable).

Yes

Yes

Signed Chain of Custody.

Case Narrative: VTSR, sample condition upon receipt (intact, preserved (yes), custody seals intact), analytical methods used, equipment, any problems or interferences encountered during analyses, and additional observations.

Yes

Mass calibration prior to analyzing any calibration solutions, blanks, samples, and QC samples.

X	Preparation, Extraction, and/or Analysis Data.
X	Final Reported Results: Correct units indicated, correct detection limits reported for non-detected final results, concentration and method qualifiers properly coded, differentiation between initial analysis and re-analyses, and dilutions coded.
X	Initial Calibration Data and Continuing Calibration Data.
X	Calibration Standard Data and Recoveries (as applicable).
X	Blank Results.
X	Laboratory QC Sample Results.
X	Matrix Spike/Duplicate Sample Recoveries (as applicable): <ol style="list-style-type: none"> 1. Matrix spike percent recoveries. 2. Relative percent difference (RPD) between sample and duplicate sample concentrations.
X	Laboratory Duplicate Results.
X	ICP Interference Check Sample and Serial Dilution Results (as applicable).
X	MSA Result Tabulation (as applicable).
X	CRDL Standard Results.
X	Linear Range Results.
X	In-House Bench Sheets and/or Sample Extraction, Digestion, or Distillation Logs (Percent solids, sample weight, final volume, and sample pH [if applicable]).
X	Analytical Sequence/Run Logs: <ol style="list-style-type: none"> 1. In chronological order and by instrument. 2. Indicate on the run log the analyte/compound value used to report final results in the Sample Delivery Group.
X	Pesticides/PCB/Herbicide Analyses: Percent Difference Between Primary and Confirmation Column Analyses.
X	Raw Data (must indicate Client sample ID number) and Photocopy of Analytical Logbook Entries.
X	Supply a detailed example calculation that clearly demonstrates the manner in which the results were derived.
X	The report shall be paginated.

Surrogate Recovery

Compound ID, Chromatography

Retention time window

Analytical sequence

RT check for TCX and DCB.

Copy - ORIGINAL IN SGD CDAA001

Precautionary Measures Against Hidden Hazards in Laboratory Samples

Notice to Laboratory Personnel

0481

Background

Under the authority of Section 104 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund) of 1980, Section 311 of the Clean Water Act, and Subtitle I of the Resource Conservation and Recovery Act (RCRA), EPA has been delegated the responsibility to undertake response actions with respect to the release or potential release of oil, petroleum, or hazardous substances that pose a substantial threat to human health or welfare, or the environment. In addition, EPA provides technical assistance to help mitigate endangerment of the public health, welfare or environment during other emergencies and natural disasters.

EPA's successful implementation of these emergency response action responsibilities requires that technical support capabilities be provided in the form of a contracted Superfund Technical Assessment and Response Team (START) for each EPA Region. The WESTON START Contract 68-W5-0019 provides support to EPA Region II.

Hazard Communication

The samples which accompany this notice have been shipped to your laboratory for analysis in accordance with applicable D.O.T. or IATA Regulations and were collected by the WESTON START and were tentatively designated by the field response team as either environmental or hazardous material samples.

In general, *Environmental Samples* are collected from streams, farm ponds, small lakes, wells, and off-site soils that are not reasonably expected to be contaminated with hazardous materials. Samples of on-site soils or water, and materials collected from drums, bulk storage tanks, obviously contaminated ponds, impoundments, lagoons, pools, and leachates from hazardous waste sites are considered *Hazardous Samples*. Samples which are obtained from a known radioactive material contamination site or which demonstrate beta or gamma activity greater than three times average background as scanned with a Geiger-Mueller radiation survey meter are considered *Radioactive Samples*.

The samples which accompany this notice have been tentatively classified by the field response team as:

Environmental Hazardous Comb. (Envir.& Haz.) Radioactive

The field team which collected the samples used the following Level(s) of personal protection as designated by EPA and OSHA conventions to provide protection against possible radiological or chemical exposure:

Level A Level B Level C Level D

This information is intended for use as a guide for the safe handling of these laboratory samples in accordance with EPA and OSHA regulations. The sample classification(s) and Levels of personal protection used by the WESTON START are not represented to be, nor are they adequate or applicable in all situations, nor are they intended to serve as substitutes for professional/personal judgement.

This form was prepared by: M. McNamee Date 4/21/98

Analytical Services TDD No. _____ Date 1/1

WESTON Office: Region II START, Edison, NJ Phone: 732-225-6116 FAX: 732-225-7037

Laboratory Name: AEN-CT

/Hazcom for Laboratory Personnel/ To be attached to each Chain-of-Custody Form

Polychlorinated Biphenyls (PCB's) - PCB samples were extracted and analyzed by GC/ECD using guidance provided in Methods 3550A/8081. The instrumentation used was a Hewlett-Packard Gas Chromatograph equipped with an Electron Capture Detector (Ni^{63}).

All samples were extracted and concentrated without any apparent problems.

All samples required acid and sulfur cleanup prior to analysis.

Surrogates were diluted out of sample CDY-004.

Percent recovery for Aroclor-1254 was outside of QC limits in sample CDY-001MSD due to sample dilution. The RPD for Aroclor-1254 was outside of QC limits in samples CDY-001MS and CDY-001MSD due to sample dilution.

Results from the first analysis on the DB-1701 column were reported on the Form 1's and Data Summaries

Results from both columns were reported on the Form 10b. The results from the second column and the percent difference between the two columns, were hand written onto the form 10b's.

The response of Aroclor-1254 differed between the two columns. This was probably due to the weathering apparent in most of the client's samples, which respond differently to the two types of column phases.

Manual integrations were performed if required, and any affected peaks were designated with an "FF" on the area report in the column titled "Code". Manual integrations were initiated by the analyst that performed the integration.

IEA / CT
LABORATORY CHRONICLE

0483

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDES/PCB ANALYSIS

JOB #: 7098-0920A

SAMPLE ID	MATRIX	DATE COLLECTED	DATE RECEIVED	DATE EXTRACTED	DATE ANALYZED
CDY-001	SOIL	04/22/98	04/23/98	4/27/98	5/4/98
CDY-002	SOIL	04/22/98	04/23/98		
CDY-003	SOIL	04/22/98	04/23/98		
CDY-004	SOIL	04/22/98	04/23/98		↓
CDY-005	SOIL	04/22/98	04/23/98		5/5/98
CDY-006	SOIL	04/22/98	04/23/98		
CDY-007	SOIL	04/22/98	04/23/98		
CDY-008	SOIL	04/22/98	04/23/98		
CDY-009	SOIL	04/22/98	04/23/98		
CDY-010	SOIL	04/22/98	04/23/98		↓
CDY-011	SOIL	04/22/98	04/23/98		5/1/98
CDY-012	SOIL	04/22/98	04/23/98		5/5/98
CDY-013	SOIL	04/22/98	04/23/98		
CDY-014	SOIL	04/22/98	04/23/98		
CDY-015	SOIL	04/22/98	04/23/98		↓
CDY-016	SOIL	04/22/98	04/23/98		5/1/98
CDY-017	SOIL	04/22/98	04/23/98		5/5/98
CDY-018	SOIL	04/22/98	04/23/98		
CDY-019	SOIL	04/22/98	04/23/98		
CDY-020	SOIL	04/22/98	04/23/98	↓	↓

Section Supervisor (signature)

Kimberly Mather

QC Supervisor (signature) _____

Review & Approval (printed name)

Kimberly Mather

Review & Approval (printed name) _____

(Date) 5/14/98

(Date) ____/____/____

AEN-CONNECTICUT
SAMPLE CONTROL
QUALITY CONTROL APPROVAL REPORT

Job #: 7098-0920A Client: RF Weston

New/Cont: _____ Sample #: 01-20

INITIAL INSPECTION	YES	NO	COMMENTS
Cooler rad screened and COC stamped?	✓		
Samples intact?	✓		
All airbills and paperwork signed?	✓		
ID's match bottles?	✓		
Temperature blank present?		✓	
Headspace in VOA's?		✓	
C/A necessary?		✓	
DOCUMENTATION			
Lab job and sample ID's assigned on original COC and entered in logbook?	✓		
Job folder contains (if applicable): COC, airbills/traffic reports, any client paperwork, project summary, QA report?	✓		
Preservation record included in job folder?		✓	
Pre-lims issued?	✓		
FINAL INSPECTION			
Bottles correctly labeled?	✓		
Internal COC complete?	✓		
Everything signed and dated?	✓		
C/A to QC Officer and folder?		✓	

McDonnelly
Reviewed by

4/23/98
Date

IEA-CT/QUALITY CONTROL APPROVAL REPORT
JOB RECORD/SAMPLE RECORD LOG-IN

Job #Client:Sample #'s

7098-0920A

Weston

01/20

A) Correct Address/Contact, etc.? (Multiple addresses entered where appropriate)	✓
B) Correct Project ID?	✓
C) Correct P.O.#?	✓
D) Is this project a Rush?	—
E) Is there a late penalty?	✓
F) Should the final report be Federal Expressed?	✓
G) Are the dates entered correct (Verbal/Due)?	✓
H) Diskette required? (if yes, has it been entered as a product on sample #1)?	—
I) Are there any miscellaneous charges?	—
J) Correct certification type, state & origin?	✓
K) Are client ID's correct?	✓
L) Are dates sampled & received correct?	✓
M) Is the correct matrix entered? (Except for preps TCLP = I.E!)	✓
N) Have all required analysis been entered? (Add prep for "stand alone" metals!)	✓
O) Are deliverables correct?	✓
P) Are the unit prices correct?	✓
Q) Has appropriate QC been entered (MS/MSD, MSB, etc.)?	✓
R) If appropriate has multiplier been entered?	—
S) If appropriate has discount been applied?	—
T) Has log-in status been updated to "Done"?	✓
U) Has status been changed to "SUB" for any subcontracted analysis?	—
V) Has Classical Chemistry Analysis been logged on LIMS?	—
W) Has any special instructions placed in the folder or SPC attached to travelers?	✓
Checked by: 91d	Date: 4.23.98

Doc.#QAF0030.CT / 19



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GAS CHROMATOGRAPHY QUALITY CONTROL APPROVAL REPORT

JOB# 7098-0920A

CLIENT WESTON

PROTOCOL 8081

DELIVERABLES C3.2

All Required Forms Present and Correct Kpm

All Required QC Present and Correct Kpm

Required Raw Data Present and Correct Kpm

Result Calculations Checked Kpm

Standard Concentration Form Present Kpm

Case Narrative Complete with Deviations From Protocol/SOP Kpm

Sample Calculation Included in Case Narrative (if applicable) N/A

NYSDEC Forms/CHRONICLES (if required) Kpm

Job Completed in SEEDPAK Kpm

APPROVAL TO RELEASE DATA KMato

DATE 5/12/98

COMMENTS: _____

